

Appointment

From: Nessley, Libby [Nessley.Libby@epa.gov]
Sent: 5/23/2017 2:06:13 PM
To: Nessley, Libby [nessley.libby@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Schell, Bob [Schell.Bob@epa.gov]; Elkins, Joe [Elkins.Joe@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
CC: Walker, JohnT [Walker.Johnt@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Shores, Richard [Shores.Richard@epa.gov]; Ciolek, Michael [Ciolek.Michael@epa.gov]; Lowe, Theresa [Lowe.Theresa@epa.gov]; Little, Brandon [little.brandon@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Thoma, Eben [Thoma.Eben@epa.gov]; Thompson, Rhonda [Thompson.Rhonda@epa.gov]
Subject: NAEMS Emission Estimation Methodologies-OAQPS/NRMRL Collaboration Kick-Off Meeting
Attachments: NAEMS EEMs Kickoff Agenda 060717.docx
Location: RTP-E301-Max40/RTP-Bldg-E

Start: 6/7/2017 7:00:00 PM
End: 6/7/2017 8:00:00 PM
Show Time As: Busy

Agenda added

The purpose of this meeting is to discuss QA support responsibilities and preparation of a comprehensive QAPP to meet both OAQPS/SPPD and NRMRL/APPCD QA requirements for the NAEMS Emission Estimation Methodologies effort. Discussions will be focused on the most efficient way to accomplish this task.

This time seems to work for most involved. If I have missed someone who needs to be invited, please forward.

Thanks,

Libby

Libby Nessley

QA Manager
U.S. Environmental Protection Agency (E330-K)
National Risk Management Research Laboratory
Air Pollution Prevention and Control Division
Technical Services Branch
Research Triangle Park, NC27711, USA
Phone: (919) 541-4381

NAEMS Emission Estimation Methodologies-OAQPS/NRMRL
Collaboration Kick-Off Meeting

Wednesday, June 7, 3:00 PM (E-301)

Agenda

Invited Participants:

OAQPS	NRMRL
Bill Schrock	Will Yelverton
Robin Dunkins	Ian Rumsey
Bob Schell	John Walker
Joe Elkins	Carlos Nunez
Michael Ciolek	Richard Shores
Theresa Lowe	Chelsey Fattal
Brandon Little	Eben Thoma
Allison Costa	Libby Nessley
Rhonda Thompson	

Discussion Points:

- General QA Approach
 - Review of Monday QA meeting
 - Determination of ORD-NRMRL secondary data and modeling QAPP
 - Requirements and resources (QAPP content and personnel)
- Response to OIG draft report
 - Overview of NRMRL comments
 - Time estimate needed for QAPP development?
 - Next steps

Appointment

From: Nessley, Libby [Nessley.Libby@epa.gov]
Sent: 6/6/2017 4:48:34 PM
To: Dunkins, Robin [Dunkins.Robin@epa.gov]; Schell, Bob [Schell.Bob@epa.gov]; Elkins, Joe [Elkins.Joe@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
CC: Walker, JohnT [Walker.Johnt@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Shores, Richard [Shores.Richard@epa.gov]; Ciolek, Michael [Ciolek.Michael@epa.gov]; Lowe, Theresa [Lowe.Theresa@epa.gov]; Little, Brandon [little.brandon@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Thoma, Eben [Thoma.Eben@epa.gov]; Thompson, Rhonda [Thompson.Rhonda@epa.gov]
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National Risk Management Research Laboratory
Air Pollution Prevention and Control Division
Technical Services Branch
Research Triangle Park, NC27711, USA
Phone: (919) 541-4381

Message

From: Lowe, Theresa [Lowe.Theresa@epa.gov]
Sent: 5/30/2017 7:11:52 PM
To: Ciolek, Michael [Ciolek.Michael@epa.gov]
Subject: CAFO eem development
Attachments: EEM Statistical Approach 072611.docx; BroilersWriteUp _2011_11_03_2p.doc; New Broiler Sect 1 (intro) 050611.doc

I have found remnants of a document but not the whole document just chapters and notes.

Theresa

Theresa Lowe
Physical Scientist
OAQPS/SPPD
Measurement Policy Group
109 TW Alexander Dr.
D243-05
Research Triangle Park, 27711
(919)541-4786

Message

From: Schell, Bob [Schell.Bob@epa.gov]
Sent: 5/30/2017 5:52:38 PM
To: Ciolek, Michael [Ciolek.Michael@epa.gov]
Subject: FW: AFO IG Report
Attachments: Animal Feeding Operations Official Draft Report for Agency Review -- 5-12-17.pdf

See Chapter 3

Bob Schell
Group Leader
Measurement Policy Group
(919) 541-4116

From: Schrock, Bill
Sent: Tuesday, May 30, 2017 12:07 PM
To: Schell, Bob <Schell.Bob@epa.gov>
Cc: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: AFO IG Report

Bob - Robin ask that I forward you the IG report.

Bill Schrock
U.S. EPA
RTP, NC 27709
(919) 541-5032
(919) 541-3470 (fax)



The Clean Air Act and Animal Feeding Operations



August 2018

Outline

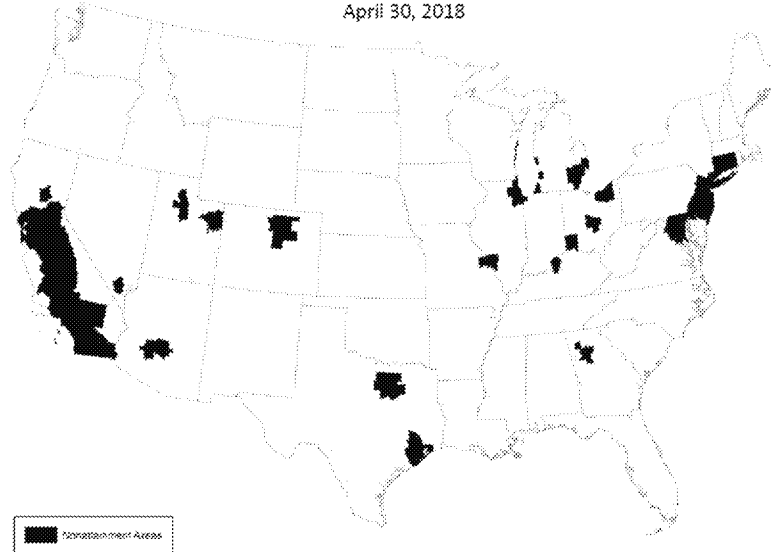
- Clean Air Act
- Confined Animal Feeding Operation (CAFO) Emissions
- National Air Emissions Monitoring Study (NAEMS)
- Related Activities

Clean Air Act

- Established in 1970
 - Amended in 1977 and 1990
- Goal is to protect public health and welfare through federal air quality standards and state implementation plans
- Potential regulatory impacts on CAFOs:
 - SIPs
 - May or may not cover CAFOs (state specific)
 - Permitting
 - Required for CAFOs above certain size threshold (varies by pollutant and attainment/nonattainment status)
 - Federal Emission Standards (e.g., NESHAP)
 - Boiler MACT
 - RICE MACT

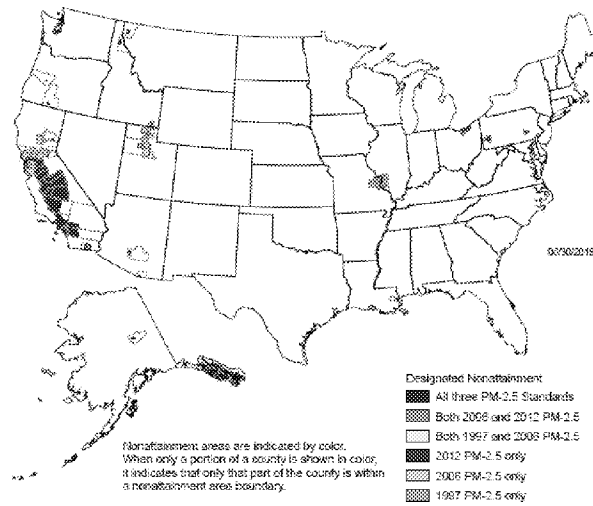
Ozone NAAQS Designations

Nonattainment Area Designations for the 2015 Ozone Standards
April 30, 2018



PM_{2.5} NAAQS Designations

Counties Designated Nonattainment
for PM-2.5 (1997, 2006, and/or 2012 Standards)



CAFO Emissions: Background

- Many subcategories of animals housed in CAFOs
 - Primary focus: poultry, beef, swine, dairy
- Accurate farm-level emissions data not readily available
 - NAEMS (H₂S, NH₃, PM, VOCs)
- No current direct federal air regulations of CAFOs
 - State CAFO regulations may be incorporated into SIPs
- History of citizen suits
 - Seeking relief/regulation under CAA sections 108, 109 and 111
 - Addressing nuisance complaints under Title VI of Civil Rights Act of 1964

CAFO Emissions: Totals*

Pollutant	Total Emissions (all CAFOs)	Contribution by Subsector
CAFO Pollutants (total including NH ₃ , PM, N ₂ O, H ₂ S, VOC)	~3M tpy NH ₃ (75%) PM (13%) N ₂ O (7%) H ₂ S (3%) VOC (2%)	Beef (30%) Dairy (29%) Swine (25%) Poultry (16%)
NH ₃	~2M tpy	Beef (29%) Dairy (29%) Swine (25%) Poultry (17%)

** Based on EPA's 2011 NEI*

CAFO Emissions

Subsector	Key Pollutants	Dominant Locations
Poultry-broilers	NH ₃ , VOC, PM	GA, AR, AL, MS, NC, TX, MD, DE, VA
Poultry-layers	NH ₃ , VOC, PM	IA, OH, IN, PA, CA
Swine (farrowing, nursery, and finishing farms)	NH ₃ , H ₂ S, VOC, PM	IA, NC, MN, IL, IN
Dairy	NH ₃ , VOC, PM	WI, PA, MN, NY, CA
Beef	NH ₃ , VOC, PM	CO, IA, KS, NE, TX

CAFO Emissions: Sources

- Housing
 - Monitored during NAEMS
- Manure Storage
 - Monitored during NAEMS
- Land Application
- Feed Storage/Preparation

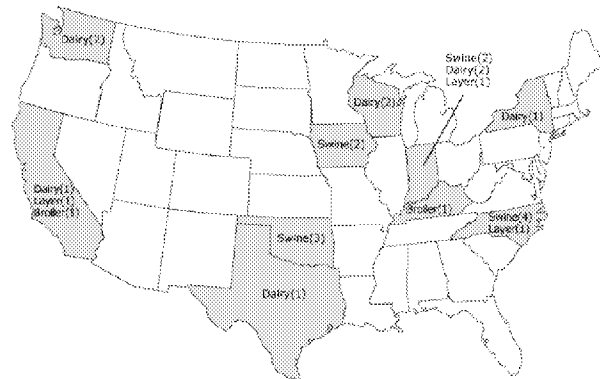
NAEMS: Background

- Two-year, industry-funded study coordinated by Purdue University with EPA oversight
- Part of 2005 voluntary consent agreement between EPA and the AFO industry
- Stated intent to use data to develop emission estimating methodologies (EEMs) for the monitored pollutants and emission sources in order to help AFOs to determine and comply with regulatory responsibilities under the CAA, CERCLA and EPCRA

NAEMS: Emissions Monitoring

- 24 sites in 9 states were monitored from 2007-10
- Emission sources monitored include:
 - Broiler, egg layer, swine, and dairy houses
 - Swine and dairy basins and lagoons
- Pollutants monitored:
 - PM₁₀, PM_{2.5}, TSP, NH₃, H₂S, and VOCs
- Additional study by Tyson Foods (broiler farm in Kentucky)

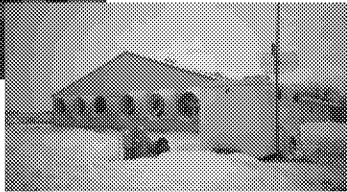
Monitoring Site Locations



NAEMS: Challenges



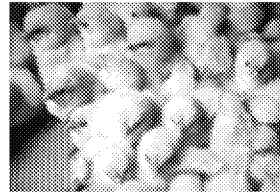
Changing
Climatic
Conditions



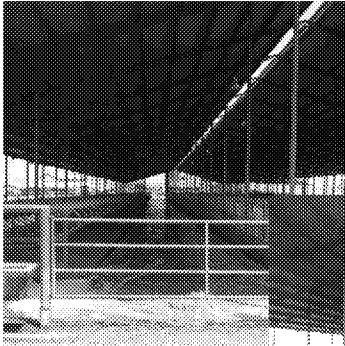
Large Open Sources



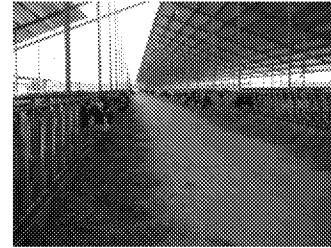
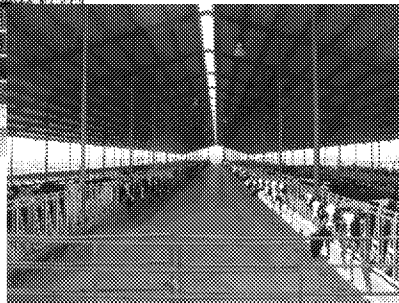
Changing
Feed
Rations



NAEMS: Challenges (cont.)

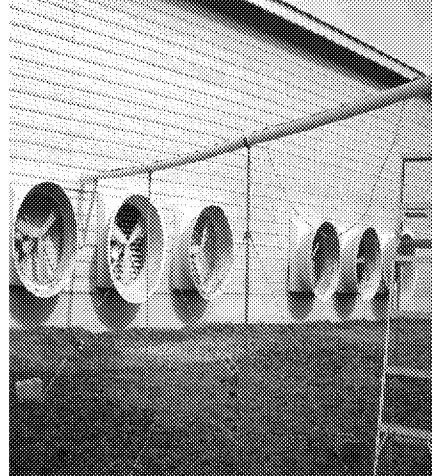


Animal
Movements



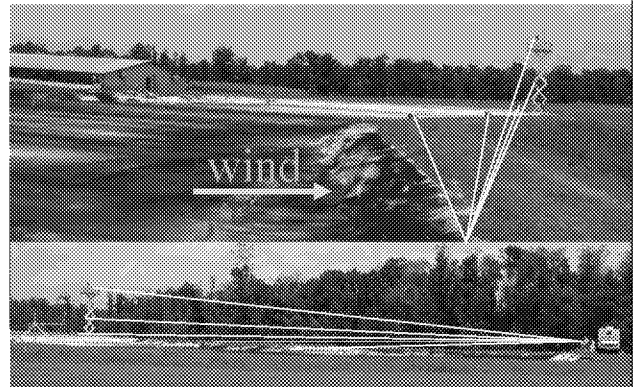
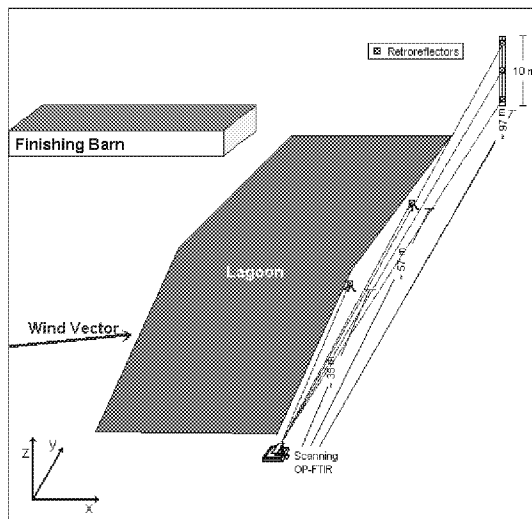
Partially Enclosed
and
Naturally Ventilated

NAEMS: Point Sources Approach



NAEMS: Large Open Sources Approach

Open-Path FTIR Concept



NAEMS: Draft EEM Development Approach

- Development of statistical models
 - Contain one or more independent (predictor) variables (i.e., parameters that represent the varying conditions at an AFO) and one dependent (response) variable (i.e., emissions)
 - Examples: Linear regression models, nonlinear regression models
- Verification of statistical models: resampling (e.g. cross-validation, bootstrapping)
- Evaluation of statistical models: determine agreement between observed emissions and predicted emissions using appropriate methodologies

NAEMS: 2013 Draft EEM Review

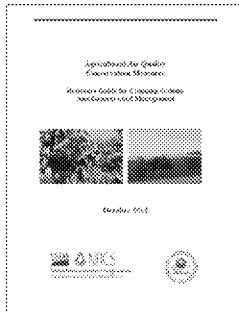
- Overarching recommendations from EPA's Science Advisory Board (SAB) review
 - Apply statistical approaches to assess emissions while developing and evaluating process-based models
 - EPA should not apply current versions of the models for estimating emissions beyond those farms covered in the data set
- SAB also made several specific recommendations related to development of the emission estimating methodologies:
 - Use “other relevant data” in addition to the NAEMS data
 - Investigate using a lower “data completeness criteria”

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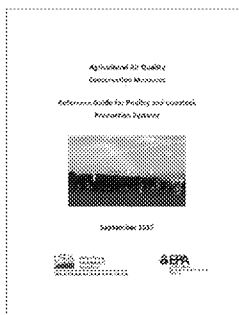
NAEMS: EEM Development Timeline

Date	Milestone
January 2019	VOC Call for Information
September 2019	Draft swine EEMs: H ₂ S, NH ₃ , PM
February 2020	Draft poultry (broiler and layer) EEMs: H ₂ S, NH ₃ , PM
July 2020	Draft dairy EEMs: H ₂ S, NH ₃ , PM
November 2020	Draft VOC EEMs
TBD	Stakeholder review period
TBD	Final EEMs

Related Activities: Best Management Practices



- Joint EPA/USDA Agricultural Air Quality Conservation Measures documents
 - Reference Guide for Cropping Systems and General Land Management
 - Reference Guide for Poultry and Livestock Production Systems



- Focus on USDA conservation measures and state BMPs
 - Four states with formal BMP rules: AZ, CA, ID, WA

Bedding selection; mechanical scraping, flushing, manure/mortality removal*; animal nutrition and feed management; urine-feces segregation, enclosed solids separation**

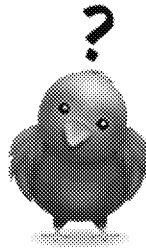
Address six major farm components: Animal Housing, Feed Management, Land Application, Manure storage and treatment, Open lots and corrals, Pastures

Related Activities: Petitions/Lawsuits Update

- Ammonia
 - April 2011 petition to regulate NH_3 as a criteria pollutant under CAA sections 108 and 109; subsequent lawsuit voluntarily dismissed by plaintiffs in January 2017
- CAFOs
 - September 2010 petition to list CAFOs under CAA section 111(B); subsequent lawsuit voluntarily dismissed by plaintiffs after 2017 denial of petition
 - December 2014 notice of intent to sue for unreasonable delay of a non-discretionary duty to establish emission factors under CAA section 130 for VOC emissions from AFOs; currently outstanding
 - Recent settlement of September 2014 Title VI complaint regarding alleged discrimination related to swine feeding operations in North Carolina

20

Questions?



Appointment

From: Ciolek, Michael [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d882340707e8413dba98b76d00e5bcfd-MCIOLEK]
Sent: 6/25/2019 10:16:59 AM
To: Schrock, Bill [Schrock.Bill@epa.gov]

Subject: Accepted: OIG NAEMS Report-Freedom of Information Act Request; Call-in # Ex. 6 Personal Privacy (PP)
Location: E101

Start: 6/25/2019 2:00:00 PM
End: 6/25/2019 2:30:00 PM
Show Time As: Busy

Appointment

From: Wehrum, Bill [Wehrum.Bill@epa.gov]
Sent: 5/9/2019 3:10:57 PM
To: Wehrum, Bill [Wehrum.Bill@epa.gov]; Idsal, Anne [idsal.anne@epa.gov]; Harlow, David [harlow.david@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Ward, Hillary [Ward.Hillary@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Srivastava, Ravi [Srivastava.Ravi@epa.gov]
CC: Woods, Clint [woods.clint@epa.gov]
Subject: NAEMS Update
Attachments: Wehrum Mtg Rqst-NAEMS Update
Location: WJC - N 2400 + Video with RTP + **Ex. 6 Personal Privacy (PP)**
Start: 5/14/2019 2:30:00 PM
End: 5/14/2019 3:00:00 PM
Show Time As: Busy

TO: Bill Wehrum, Anne Idsal, David Harlow, Josh Lewis, Peter Tsirigotis, Mike Koerber, Penny Lassiter, David Cozzie, Robin Dunkins, Allison Costa, Bill Schrock, Jennifer Orme-Zavaleta, Alan Vette, William Yelverton, Hillary Ward, Peter South



Wehrum Mtg
Rqst-NAEMS Up...

Message

From: McKinney, Voronina [mckinney.voronina@epa.gov]
Sent: 5/9/2019 2:59:37 PM
To: Rakosnik, Delaney [rakosnik.delaney@epa.gov]
CC: Lewis, Josh [Lewis.Josh@epa.gov]; Ward, Hillary [Ward.Hillary@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]
Subject: Wehrum Mtg Rqst-NAEMS Update
Attachments: Wehrum Meeting Request-NAEMS Update.docx

Hello Delaney,

Wehrum Meeting Request: Please schedule with Bill. Meeting request attached.

Thank you,

Nina

From: Eck, Janet
Sent: Thursday, May 09, 2019 10:34 AM
To: McKinney, Voronina <mckinney.voronina@epa.gov>
Cc: Ward, Hillary <Ward.Hillary@epa.gov>; Koerber, Mike <Koerber.Mike@epa.gov>; Cozzie, David <Cozzie.David@epa.gov>; Dunkins, Robin <Dunkins.Robin@epa.gov>; Costa, Allison <Costa.Allison@epa.gov>; Schrock, Bill <Schrock.Bill@epa.gov>; South, Peter <South.Peter@epa.gov>; Joseph, Wanda <joseph.wanda@epa.gov>; Hunt, Virginia <Hunt.Virginia@epa.gov>; Mills, Kathy <Mills.Kathy@epa.gov>; Crowley, Kate <crowley.kate@epa.gov>
Subject: OAR Mtg Rqst-NAEMS Update

Hi Nina, Attached is an OAR meeting request concerning a NAEMS Update for Bill during his visit to RTP on Tuesday, 5/14. Bill previously asked for this update. We discussed last month that we would brief Bill during his May visit. Please review and forward for further processing. Thanks.

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From: Wehrum, Bill [Wehrum.Bill@epa.gov]
Sent: 5/9/2019 3:10:57 PM
To: Wehrum, Bill [Wehrum.Bill@epa.gov]; Idsal, Anne [idsal.anne@epa.gov]; Harlow, David [harlow.david@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Ward, Hillary [Ward.Hillary@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Srivastava, Ravi [Srivastava.Ravi@epa.gov]
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Wehrum Mtg
Rqst-NAEMS Up...

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Subject: NAEMS Update

Attachments: Wehrum Mtg Rqst-NAEMS Update

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Wehrum Mtg
Rqst-NAEMS Up...

Appointment

From: Loving, Shanita [Loving.Shanita@epa.gov]
Sent: 5/10/2018 2:47:58 PM
To: Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Update on Animal Feeding Operations National air Emissions Monitoring Study and Air Compliance Agreement
Location: 3216 WJC-South

Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Tentative

Appointment

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 5/10/2018 3:10:53 PM
To: Bodine, Susan [bodine.susan@epa.gov]
Subject: Accepted: Update on Animal Feeding Operations National air Emissions Monitoring Study and Air Compliance Agreement
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Busy

Appointment

From: Loving, Shanita [Loving.Shanita@epa.gov]
Sent: 5/15/2018 8:03:24 PM
To: Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Update on Animal Feeding Operations National Air Emissions Monitoring Study and Air Compliance Agreement, Call-in Number: 1 866-299-3166, Code: Ex. 6 Personal Privacy (PP)
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Tentative

Appointment

From: Bailey, Ethel [Bailey.Ethel@epa.gov]
Sent: 5/16/2018 5:03:02 PM
To: Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Update on Animal Feeding Operations National Air Emissions Monitoring Study and Air Compliance Agreement, Call-in Number: 1 866-299-3188, Code Ex. 6 Personal Privacy (PP)
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Tentative

Appointment

From: Bodine, Susan [bodine.susan@epa.gov]
Sent: 5/10/2018 2:48:01 PM
To: Bodine, Susan [bodine.susan@epa.gov]; Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: Update on Animal Feeding Operations National Air Emissions Monitoring Study and Air Compliance Agreement, Call-in Number: 1 866-299-3188, Code: Ex. 6 Personal Privacy (PP)
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Busy

Appointment

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 11/7/2017 3:18:48 PM
To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]
Subject: NAEMS Check-In
Attachments: NAEMS Check-In; Untitled Attachment; NAEMS Check-In; Untitled Attachment
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E
Start: 11/9/2017 3:30:00 PM
End: 11/9/2017 4:00:00 PM
Show Time As: Busy

Recurrence: Weekly
every 3 week(s) on Thursday from 10:30 AM to 11:00 AM

Appointment

To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]
Subject: NAEMS Check-In
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E
Start: 12/12/2017 4:00:00 PM
End: 12/12/2017 4:30:00 PM
Show Time As: Busy

Recurrence: (none)

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]
CC: Yelverton, William [Yelverton.William@epa.gov]; Walker, JohnT [Walker.Johnt@epa.gov]; Thoma, Eben [Thoma.Eben@epa.gov]; Shores, Richard [Shores.Richard@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]; RTP-OAQPS-919-541-4486-SPPD/Phone-Line/RTP-OAQPS-BLDG-C [RTP-OAQPS-919-541-4486-SPPD@epa.gov]

Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E; RTP-OAQPS-919-541-4486-SPPD/Phone-Line/RTP-OAQPS-BLDG-C

Start: 2/1/2018 3:30:00 PM

End: 2/1/2018 4:00:00 PM

Show Time As: Busy

Recurrence: (none)

Discuss schedule for meeting OIG action items:

Ex. 5 Deliberative Process (DP)

Appointment

To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]
Subject: NAEMS Check-In
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E
Start: 3/19/2018 5:30:00 PM
End: 3/19/2018 6:00:00 PM
Show Time As: Busy

Recurrence: (none)

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]

Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E

Start: 4/19/2018 3:00:00 PM

End: 4/19/2018 3:30:00 PM

Show Time As: Busy

Recurrence: (none)

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

From: Wehrum, Bill [Wehrum.Bill@epa.gov]
Sent: 6/1/2018 5:23:41 PM
To: Wehrum, Bill [Wehrum.Bill@epa.gov]; Woods, Clint [woods.clint@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Bodine, Susan [bodine.susan@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]
CC: Traylor, Patrick [traylor.patrick@epa.gov]
Subject: NAEMS Schedule
Attachments: OAR Meeting Request- RE: NAEMS Schedule
Location: WJC-N 5400 + Video with RTP + Dial: Ex. 6 Personal Privacy (PP) Participant Code Ex. 6 Personal Privacy (PP)
Start: 6/8/2018 2:00:00 PM
End: 6/8/2018 3:00:00 PM
Show Time As: Busy

TO: Clint Woods, Mandy Gunasekara, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Penny Lassiter, Robin Dunkins, Allison Costa, Bill Schrock, Susan Bodine, Rosemarie Kelley, Tim Sullivan, Jennifer Orme-Zavaleta, Alan Vette, Carlos Nunez, William Yelverton



OAR Meeting
Request- RE: NA...

Appointment

From: Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]
Sent: 5/17/2018 6:31:44 PM
To: Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]
Subject: NAEMS Status Update
Attachments: NAEMS EEM Options 5_30_18.docx
Location: RTP-E201-Max50/RTP-Bldg-E
Start: 5/30/2018 6:00:00 PM
End: 5/30/2018 6:45:00 PM
Show Time As: Busy

Call in number: Ex. 6 Personal Privacy (PP)

Date of this Request: 05/14/2018

Scheduling Point of Contact: Nina McKinney, 919-541-4115

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: NAEMS Status Update

Purpose: Provide update on action items that need to be finalized to meet our agreements to the OIG report on the CAFO National Air Emissions Monitoring Study (NAEMS).

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (__ days review); OMB: __/__/__ (days review);
- Legal deadline: N/A;
- Other firm deadline: Publication of deliverables by 06/30/2018 according to OIG agreements.

First possible date for meeting: 05/30/18

Last possible date for meeting: 06/07/18

Duration: 45 min

Appointment

From: Bodine, Susan [bodine.susan@epa.gov]
Sent: 5/10/2018 2:48:01 PM
To: Bodine, Susan [bodine.susan@epa.gov]; Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: Update on Animal Feeding Operations National Air Emissions Monitoring Study and Air Compliance Agreement, Call-in Number: 1 866-299-3188, Code: Ex. 6 Personal Privacy (PP)
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Busy

Appointment

From: Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]
Sent: 1/30/2018 2:43:29 PM
To: Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Elkins, Joe [Elkins.Joe@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]
Subject: CAFO IG Report
Attachments: AFO OIG Report Peter T prebrief 2_7_18.docx
Location: EPA RTP: C401A; call in Ex. 6 Personal Privacy (PP)
Start: 2/7/2018 9:00:00 PM
End: 2/7/2018 10:00:00 PM
Show Time As: Tentative

Date of this Request: 01/29/2018

Scheduling Point of Contact: Tanya Johnson, 919-541-5536

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (__ days review); OMB: __/__/__ (days review);
- Legal deadline: __/__/__.
- Other firm deadline:

First possible date for meeting: 02/5/18

Last possible date for meeting: 02/9/18

Duration: 1 hour

Appointment

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 11/7/2017 3:18:48 PM
To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]
Subject: NAEMS Check-In
Attachments: NAEMS Check-In; Untitled Attachment; NAEMS Check-In; Untitled Attachment
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E
Start: 11/9/2017 3:30:00 PM
End: 11/9/2017 4:00:00 PM
Show Time As: Busy

Recurrence: Weekly
every 3 week(s) on Thursday from 10:30 AM to 11:00 AM

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

From: Wehrum, Bill [Wehrum.Bill@epa.gov]
Sent: 5/9/2019 3:10:57 PM
To: Wehrum, Bill [Wehrum.Bill@epa.gov]; Idsal, Anne [idsal.anne@epa.gov]; Harlow, David [harlow.david@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Ward, Hillary [Ward.Hillary@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Srivastava, Ravi [Srivastava.Ravi@epa.gov]
CC: Woods, Clint [woods.clint@epa.gov]; Rodan, Bruce [rodan.bruce@epa.gov]
Subject: NAEMS Update
Attachments: Wehrum Mtg Rqst-NAEMS Update
Location: WJC - N 5400 + Video with RTP **Ex. 6 Personal Privacy (PP)**
Start: 5/14/2019 2:30:00 PM
End: 5/14/2019 3:00:00 PM
Show Time As: Busy

TO: Bill Wehrum, Anne Idsal, David Harlow, Josh Lewis, Peter Tsirigotis, Mike Koerber, Penny Lassiter, David Cozzie, Robin Dunkins, Allison Costa, Bill Schrock, Jennifer Orme-Zavaleta, Alan Vette, William Yelverton, Hillary Ward, Peter South



Wehrum Mtg
Rqst-NAEMS Up...

Appointment

From: Bailey, Ethel [Bailey.Ethel@epa.gov]
Sent: 5/16/2018 5:03:02 PM
To: Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Update on Animal Feeding Operations National Air Emissions Monitoring Study and Air Compliance Agreement, Call-in Number: **Ex. 6 - Personal Privacy**
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Tentative

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 2/5/2018 7:25:54 PM
To: Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]
Subject: CAFO IG Report
Location: EPA RTP: C401A; call in Ex. 6 Personal Privacy (PP)
Start: 2/7/2018 9:00:00 PM
End: 2/7/2018 10:00:00 PM
Show Time As: Tentative

Date of this Request: 01/29/2018

Scheduling Point of Contact: Tanya Johnson, 919-541-5536

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (_ days review); OMB: __/__/__ (days review);
- Legal deadline: __/__/__.
- Other firm deadline:

First possible date for meeting: 02/5/18

Last possible date for meeting: 02/9/18

Duration: 1 hour

Appointment

From: Rakosnik, Delaney [rakosnik.delaney@epa.gov]
Sent: 6/1/2018 5:24:02 PM
To: Woods, Clint [woods.clint@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Bodine, Susan [bodine.susan@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]

Subject: NAEMS Schedule

Attachments: OAR Meeting Request- RE: NAEMS Schedule

Location: WJC-N 5400 + Video with RTP + Dial Ex. 6 Personal Privacy (PP) Participant Code Ex. 6 Personal Privacy (PP)

Start: 6/8/2018 2:00:00 PM

End: 6/8/2018 3:00:00 PM

Show Time As: Tentative

TO: Clint Woods, Mandy Gunasekara, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Penny Lassiter, Robin Dunkins, Allison Costa, Bill Schrock, Susan Bodine, Rosemarie Kelley, Tim Sullivan, Jennifer Orme-Zavaleta, Alan Vette, Carlos Nunez, William Yelverton



OAR Meeting
Request- RE: NA...

Appointment

From: Loving, Shanita [Loving.Shanita@epa.gov]
Sent: 5/15/2018 8:03:24 PM
To: Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Update on Animal Feeding Operations National Air Emissions Monitoring Study and Air Compliance Agreement, Call-in Number: 1 866-299-3166, Code: Ex. 6 Personal Privacy (PP)
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Tentative

Message

From: Eck, Janet [Eck.Janet@epa.gov]
Sent: 6/1/2018 3:31:36 PM
To: McKinney, Voronina [mckinney.voronina@epa.gov]
CC: South, Peter [South.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]
Subject: OAR Mtg Rqst - NAEMS Schedule
Attachments: Wehrum Meeting Request-NAEMS Schedule.docx

Hi Nina, Attached is an OAR meeting request regarding the NAEMS Schedule. Mike Koerber is expecting it per our meeting with Peter on Wednesday. Thanks.

OAR Meeting Request Form For Bill Wehrum

Date of this Request: 06/01/2018

Scheduling Point of Contact: Voronina McKinney, 919-541-5616

Technical Point of Contact: Peter Tsirigotis, 919-541-9411

Subject: NAEMS Schedule

Purpose: Discuss proposed schedule for developing and publishing CAFO emission estimating methodologies resulting from the National Air Emissions Monitoring Study (NAEMS) and related OIG action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: None.
- Other firm deadline: OIG recommend actions are due 06/30/2018.

First possible date for meeting: 06/06/2018

Last possible date for meeting: 06/08/2018

Duration: 1 hour

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

Office/Org

Name (Last, First)

OAR

Woods, Clint; Gunasekara, Mandy; Lewis, Josh;

OAQPS

Tsirigotis, Peter; Koerber, Mike; Harnett, Bill; Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill;

OECA

Bodine, Susan; Kelley, Rosemarie; Sullivan, Tim;

ORD

Orme-Zavaleta, Jennifer; Vette, Alan; Nunez, Carlos; Yelverton, William;

Schedulers to cc:

McKinney, Voronina; StClair, Aimee; Eck, Janet

HQ Meeting Briefing Materials

Revised 6/2017

OAD Meeting Request Form For Bill Wehrum

Date of this Request: May 31, 2018

Scheduling Point of Contact: Pete South, 919-541-5359

Technical Point of Contact: Peter Tsirigotis

Subject: NAEMS Schedule

Purpose: Discuss proposed schedule for developing and publishing CAFO emission estimating methodologies resulting from the National Air Emissions Monitoring Study (NAEMS) and related OIG action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (__ days review); OMB: __/__/__ (days review);
- Legal deadline: Settlement agreement due date is __/__/__.
- Other firm deadline: OIG recommend actions due 6/30/18

First possible date for meeting: 6/6/18 – 6/8/18 (*preferred dates)

Last possible date for meeting: 6/11/18 – 6/15/18

Duration: 1 hour

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

<u>Office/Org</u>	<u>Name (Last, First)</u>
-------------------	---------------------------

OAR

OAQPS	Tsirigotis, Peter; Koerber, Mike; Harnett, Bill; Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill;
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OECA	Bodine, Susan; Kelley, Rosemarie; Sullivan, Tim
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ORD	Orme-Zavaleta, Jennifer; Vette, Alan; Nunez, Carlos; Yelverton, William
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Schedulers to cc:	StClair, Aimee; Eck, Janet; McKinney, Voronina; Hunt, Virginia
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HQ Meeting Briefing Materials

Revised 6/2017

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 5/25/2018 3:05:05 PM
To: Harnett, Bill [Harnett.Bill@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Noonan, Jenny [Noonan.Jenny@epa.gov]
Subject: NAEMS Status Update
Attachments: NAEMS EEM Options 5_30_18.docx
Location: RTP-E201-Max50/RTP-Bldg-E
Start: 5/30/2018 6:00:00 PM
End: 5/30/2018 6:45:00 PM
Show Time As: Tentative

Call in number: Ex. 6 Personal Privacy (PP)

Date of this Request: 05/14/2018

Scheduling Point of Contact: Nina McKinney, 919-541-4115

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: NAEMS Status Update

Purpose: Provide update on action items that need to be finalized to meet our agreements to the OIG report on the CAFO National Air Emissions Monitoring Study (NAEMS).

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: N/A;
- Other firm deadline: Publication of deliverables by 06/30/2018 according to OIG agreements.

First possible date for meeting: 05/30/18

Last possible date for meeting: 06/07/18

Duration: 45 min

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 1/30/2018 2:43:27 PM
To: Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]
Subject: CAFO IG Report
Location: EPA RTP: C401A; call in Ex. 6 Personal Privacy (PP)
Start: 2/8/2018 4:00:00 PM
End: 2/8/2018 5:00:00 PM
Show Time As: Tentative

Date of this Request: 01/29/2018

Scheduling Point of Contact: Tanya Johnson, 919-541-5536

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: __/__/__.
- Other firm deadline:

First possible date for meeting: 02/5/18

Last possible date for meeting: 02/9/18

Duration: 1 hour

Message

From: Eck, Janet [Eck.Janet@epa.gov]
Sent: 5/14/2018 3:04:30 PM
To: South, Peter [South.Peter@epa.gov]
CC: Koerber, Mike [Koerber.Mike@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]
Subject: OAQPS Mtg Rqst-NAEMS Status Update
Attachments: Tsirigotis Meeting Request-NAEMS Status Update.docx

Hi Pete, Attached is an OAQPS meeting request concerning a NAEMS Status Update for review and scheduling. Thanks.

OAQPS Meeting Request Form For Peter Tsirigotis
--

Date of this Request: 05/14/2018

Scheduling Point of Contact: Nina McKinney, 919-541-4115

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: NAEMS Status Update

Purpose: Provide update on action items that need to be finalized to meet our agreements to the OIG report on the CAFO National Air Emissions Monitoring Study (NAEMS).

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: N/A;
- Other firm deadline: Publication of deliverables by 06/30/2018 according to OIG agreements.

First possible date for meeting: 05/30/18

Last possible date for meeting: 06/07/18

Duration: 1 hr

Requested Audio / Video (Mark with "X" if requested)

_____ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

_____ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

_____ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

Office/Org

Name (Last, First)

OAQPS

Harnett, Bill; Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill; Mills, Kathy;

cc:

Henigin, Mary; Rimer, Kelly; McLamb, Marguerite; Conner, Lisa;

Schedulers to cc:

South, Peter; McKinney, Voronina; StClair, Aimee; Eck, Janet

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

Message

From: Eck, Janet [Eck.Janet@epa.gov]
Sent: 1/29/2018 2:10:15 PM
To: South, Peter [South.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]
CC: Costa, Allison [Costa.Allison@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; French, Chuck [French.Chuck@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]
Subject: OAQPS/OAR Mtg Rqsts - CAFO IG Rpt
Attachments: Tsirigotis Meeting Request-CAFO IG Report.docx; Wehrum Meeting Request-CAFO IG Report.docx

Attached are OAQPS/OAR meeting requests concerning the CAFO IG Report for your review and processing. Thanks.

OAR Meeting Request Form For Peter Tsirigotis
--

Date of this Request: 01/29/2018

Scheduling Point of Contact: Tanya Johnson, 919-541-5536

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (__ days review); OMB: __/__/__ (days review);
- Legal deadline: __/__/__.
- Other firm deadline:

First possible date for meeting: 02/5/18

Last possible date for meeting: 02/9/18

Duration: 1 hour

Requested Audio / Video (*Mark with "X" if requested*)

_____ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)—HQ will set up a bridge if needed

_____ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

_____ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:

Office/Org

Name (Last, First)

OAQPS

Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill; Mills, Kathy

cc:

Henigin, Mary; McLamb, Marguerite; Conner, Lisa;

Schedulers to cc:

South, Peter; Johnson, Tanya; McKinney, Voronina; StClair, Aimee; Eck, Janet;

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

Revised 6/2017

OAD Meeting Request Form For Bill Wehrum

Date of this Request: 01/29/2018

Scheduling Point of Contact: Peter South, 919-541-5359

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: Settlement agreement due date is __/__/__.
- Other firm deadline:

First possible date for meeting: 02/12/18

Last possible date for meeting: 02/23/18

Duration: 1 hour

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)—HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

Office/Org

Name (Last, First)

OAR

Gunasekara, Mandy; Harlow, David; Lewis, Josh;

OAQPS

Tsirigotis, Peter; Koerber, Mike; Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill; Mills, Kathy;

OGC

Greenglass, Nora; Rodman, Sonja;

Schedulers to cc:

South, Peter; Johnson, Tanya; McKinney, Voronina; StClair, Aimee; Eck, Janet;

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

Revised 6/2017

Message

From: Schrock, Bill [Schrock.Bill@epa.gov]
Sent: 5/14/2018 2:32:37 PM
To: Eck, Janet [Eck.Janet@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]
Subject: FW: NAEMS Meeting Request
Attachments: OAQPS Meeting Request-NAEMS Schedule.docx

Janet-Attached is meeting request form for Peter T. to discuss the next NAEMS deliverable in response to the OIG report. Robin ask that we put this forward while she was out this week. Let me know if you have any questions. Thanks

Bill Schrock
U.S. EPA
RTP, NC 27709
(919) 541-5032
(919) 541-3470 (fax)

From: Costa, Allison
Sent: Monday, May 14, 2018 9:32 AM
To: Schrock, Bill <Schrock.Bill@epa.gov>
Cc: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: NAEMS Meeting Request

Hi Bill,

Here's the meeting request form to update Peter on the NAEMS schedule around the end of the month. Please review it and let me know if you have any changes. Otherwise, Robin said you could send it forward and let Janet know that she agreed we should send the request forward before she left for vacation.

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

**OAQPS Meeting Request Form
For Peter Tsirigotis**

Date of this Request: May 14, 2018

Scheduling Point of Contact: Pete South, 919-541-5359

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: NAEMS Status Update

Purpose: Provide update on action items that need to be finalized to meet our agreements to the OIG report on the CAFO National Air Emissions Monitoring Study (NAEMS).

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP : To OMB:
- Legal deadline:
- Other firm deadline: Publication of deliverables by 6/30/18 according to OIG agreements

First possible date for meeting: 5/30/18

Last possible date for meeting: 6/7/18

Duration: 1 hr

Requested Audio / Video (*Mark with "X" if requested*)

_____ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

_____ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

_____ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:

Office/Org Name (Last, First)

OAR

OAQPS Harnett, Bill; Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill; Mills, Kathy

OGC

cc: South, Peter; Henigin, Mary; McLamb, Marguerite; Conner, Lisa

Schedulers to cc: StClair, Aimee; Johnson, Tanya; Eck, Janet; McKinney, Voronina

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

Appointment

From: Loving, Shanita [Loving.Shanita@epa.gov]
Sent: 5/10/2018 2:47:58 PM
To: Starfield, Lawrence [Starfield.Lawrence@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Kelley, Rosemarie [Kelley.Rosemarie@epa.gov]; Theis, Joseph [Theis.Joseph@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Update on Animal Feeding Operations National air Emissions Monitoring Study and Air Compliance Agreement
Location: 3216 WJC-South

Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Tentative

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 5/17/2018 6:31:42 PM
To: Harnett, Bill [Harnett.Bill@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]
Subject: NAEMS Status Update
Location: RTP-E201-Max50/RTP-Bldg-E
Start: 5/30/2018 6:00:00 PM
End: 5/30/2018 6:45:00 PM
Show Time As: Tentative

Call in number: Ex. 6 Personal Privacy (PP)

Date of this Request: 05/14/2018

Scheduling Point of Contact: Nina McKinney, 919-541-4115
Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: NAEMS Status Update

Purpose: Provide update on action items that need to be finalized to meet our agreements to the OIG report on the CAFO National Air Emissions Monitoring Study (NAEMS).

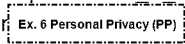
- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: N/A;
- Other firm deadline: Publication of deliverables by 06/30/2018 according to OIG agreements.

First possible date for meeting: 05/30/18

Last possible date for meeting: 06/07/18

Duration: 45 min

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 2/6/2018 7:01:40 PM
To: Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Henigin, Mary [Henigin.Mary@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; StClair, Aimee [StClair.Aimee@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Dolwick, Pat [Dolwick.Pat@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Elkins, Joe [Elkins.Joe@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]
Subject: CAFO IG Report
Attachments: AFO OIG Report Peter T prebrief 2_7_18.docx
Location: EPA RTP: C401A; call in 
Start: 2/7/2018 9:00:00 PM
End: 2/7/2018 10:00:00 PM
Show Time As: Tentative

Date of this Request: 01/29/2018

Scheduling Point of Contact: Tanya Johnson, 919-541-5536

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (__ days review); OMB: __/__/__ (days review);
- Legal deadline: __/__/__.
- Other firm deadline:

First possible date for meeting: 02/5/18

Last possible date for meeting: 02/9/18

Duration: 1 hour

Message

From: Mills, Kathy [Mills.Kathy@epa.gov]
Sent: 2/6/2018 6:57:18 PM
To: South, Peter [South.Peter@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; French, Chuck [French.Chuck@epa.gov]
Subject: CAFO OIG Briefing 2/7/18
Attachments: AFO OIG Report pager 2.8.18final.docx

CAFO OIG briefing for Peter on 2/7/18 – one pager attached. Approved by Robin.
KB

Kathy “KB Mills ~ SPPD ~ U. S. EPA, OAQPS ~ 919-541-1599

Appointment

From: Rakosnik, Delaney [rakosnik.delaney@epa.gov]
Sent: 5/14/2019 2:34:36 PM
To: Idsal, Anne [idsal.anne@epa.gov]; Harlow, David [harlow.david@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Ward, Hillary [Ward.Hillary@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Srivastava, Ravi [Srivastava.Ravi@epa.gov]
CC: Woods, Clint [woods.clint@epa.gov]; Rodan, Bruce [rodan.bruce@epa.gov]
Subject: NAEMS Update
Attachments: Wehrum Mtg Rqst-NAEMS Update
Location: WJC - N 5400 + Video with RTP + **Ex. 6 Personal Privacy (PP)**
Start: 5/14/2019 2:30:00 PM
End: 5/14/2019 3:00:00 PM
Show Time As: Tentative

TO: Bill Wehrum, Anne Idsal, David Harlow, Josh Lewis, Peter Tsirigotis, Mike Koerber, Penny Lassiter, David Cozzie, Robin Dunkins, Allison Costa, Bill Schrock, Jennifer Orme-Zavaleta, Alan Vette, William Yelverton, Hillary Ward, Peter South



Wehrum Mtg
Rqst-NAEMS Up...

Message

From: Ward, Hillary [Ward.Hillary@epa.gov]
Sent: 5/14/2019 2:21:46 PM
To: Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]
Subject: Materials: NAEMS Update
Attachments: NAEMS Status Update_5.14.19.docx

Please see the attached materials for the following meeting:

5/14/19, 10:30-11, NAEMS Update

Hillary Ward
USEPA, Office of Air Quality Planning and Standards
(919)541-3154

Appointment

From: Rakosnik, Delaney [rakosnik.delaney@epa.gov]
Sent: 5/9/2019 3:10:56 PM
To: Idsal, Anne [idsal.anne@epa.gov]; Harlow, David [harlow.david@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Orme-Zavaleta, Jennifer [Orme-Zavaleta.Jennifer@epa.gov]; Vette, Alan [Vette.Alan@epa.gov]; Yelverton, William [Yelverton.William@epa.gov]; Ward, Hillary [Ward.Hillary@epa.gov]; South, Peter [South.Peter@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]

Subject: NAEMS Update

Attachments: Wehrum Mtg Rqst-NAEMS Update

Location: WJC - N 2400 + Video with RTP + **Ex. 6 Personal Privacy (PP)**

Start: 5/14/2019 2:30:00 PM

End: 5/14/2019 3:00:00 PM

Show Time As: Tentative

TO: Bill Wehrum, Anne Idsal, David Harlow, Josh Lewis, Peter Tsirigotis, Mike Koerber, Penny Lassiter, David Cozzie, Robin Dunkins, Allison Costa, Bill Schrock, Jennifer Orme-Zavaleta, Alan Vette, William Yelverton, Hillary Ward, Peter South



Wehrum Mtg
Rqst-NAEMS Up...

Message

From: Eck, Janet [Eck.Janet@epa.gov]
Sent: 5/9/2019 2:34:18 PM
To: McKinney, Voronina [mckinney.voronina@epa.gov]
CC: Ward, Hillary [Ward.Hillary@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Cozzie, David [Cozzie.David@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; South, Peter [South.Peter@epa.gov]; Joseph, Wanda [joseph.wanda@epa.gov]; Hunt, Virginia [Hunt.Virginia@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Crowley, Kate [crowley.kate@epa.gov]
Subject: OAR Mtg Rqst-NAEMS Update
Attachments: Wehrum Meeting Request-NAEMS Update.docx

Hi Nina, Attached is an OAR meeting request concerning a NAEMS Update for Bill during his visit to RTP on Tuesday, 5/14. Bill previously asked for this update. We discussed last month that we would brief Bill during his May visit. Please review and forward for further processing. Thanks.

Message

From: Mills, Kathy [Mills.Kathy@epa.gov]
Sent: 2/5/2018 2:38:23 PM
To: French, Chuck [French.Chuck@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]
Subject: CAFO OIG Briefing for Wehrum - 2/8/18
Attachments: AFO OIG Report pager 2.8.18final.docx

Hi Chuck,

Pager attached for Bill briefing on 2/8 – will need to get this to Pete South tomorrow. Robin has approved this version.

Thanks for your review.

KB

Kathy “KB Mills ~ SPPD ~ U. S. EPA, OAQPS ~ 919-541-1599

Message

From: Jones, Mike [Jones.Mike@epa.gov]
Sent: 5/10/2018 11:43:46 AM
To: Costa, Allison [Costa.Allison@epa.gov]
Subject: RE: CAFO OIG

Certainly.

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Costa, Allison
Sent: Wednesday, May 09, 2018 4:11 PM
To: Jones, Mike <Jones.Mike@epa.gov>
Subject: RE: CAFO OIG

Hi Mike,

Do you have a few minutes tomorrow (Thursday) for a quick question about this agreement?

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

From: Jones, Mike
Sent: Tuesday, March 27, 2018 11:21 AM
To: Costa, Allison <Costa.Allison@epa.gov>; Schrock, Bill <Schrock.Bill@epa.gov>
Cc: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: RE: CAFO OIG

Wonderful! Thanks much, Allison!

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Costa, Allison
Sent: Tuesday, March 27, 2018 11:09 AM

To: Jones, Mike <Jones.Mike@epa.gov>; Schrock, Bill <Schrock.Bill@epa.gov>

Cc: Dunkins, Robin <Dunkins.Robin@epa.gov>

Subject: RE: CAFO OIG

Hi Mike,

The NAEMS QAPP is now live on our website at: <https://www.epa.gov/afos-air/qapp-development-emission-estimating-methodologies-air-emissions-animal-feeding-operations>.

Cheers,
Allison

Allison Costa

U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

From: Jones, Mike

Sent: Monday, March 19, 2018 2:52 PM

To: Schrock, Bill <Schrock.Bill@epa.gov>

Cc: Costa, Allison <Costa.Allison@epa.gov>; Dunkins, Robin <Dunkins.Robin@epa.gov>

Subject: RE: CAFO OIG

Great! Thank you.

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Schrock, Bill

Sent: Monday, March 19, 2018 2:51 PM

To: Jones, Mike <Jones.Mike@epa.gov>

Cc: Costa, Allison <Costa.Allison@epa.gov>; Dunkins, Robin <Dunkins.Robin@epa.gov>

Subject: RE: CAFO OIG

Mike-The QAPP is complete and all signatures on the dotted lines have been acquired.

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) Thanks

Bill Schrock
U.S. EPA
RTP, NC 27709
(919) 541-5032
(919) 541-3470 (fax)

From: Jones, Mike

Sent: Monday, March 19, 2018 2:32 PM

To: Schrock, Bill <Schrock.Bill@epa.gov>
Cc: Costa, Allison <Costa.Allison@epa.gov>
Subject: RE: CAFO OIG

Just checking in – any update? Thanks. Mike

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Jones, Mike
Sent: Thursday, March 01, 2018 12:55 PM
To: Schrock, Bill <Schrock.Bill@epa.gov>
Cc: Costa, Allison <Costa.Allison@epa.gov>
Subject: RE: CAFO OIG

Since we told the IG we'd make the QAPP publicly available on our website, please provide the link for that when available (prior to March 31?) so that I may enter into the OIGs audit tracking system. Again, thanks.

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Schrock, Bill
Sent: Thursday, March 01, 2018 12:49 PM
To: Jones, Mike <Jones.Mike@epa.gov>
Cc: Costa, Allison <Costa.Allison@epa.gov>
Subject: RE: CAFO OIG

Will do-Thanks Mike.

Bill Schrock
U.S. EPA
RTP, NC 27709
(919) 541-5032
(919) 541-3470 (fax)

From: Jones, Mike
Sent: Thursday, March 01, 2018 12:48 PM
To: Schrock, Bill <Schrock.Bill@epa.gov>
Subject: RE: CAFO OIG

Don't need to meet – thanks! That said, please let me know when the QAPP is signed, and if I may get a copy for my records (IG may want to see it) that would be great. Thanks! Mike

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Schrock, Bill
Sent: Thursday, March 01, 2018 12:45 PM
To: Jones, Mike <Jones.Mike@epa.gov>
Subject: CAFO OIG

Hi Mike,

Allison and I were talking and forwarded this note for Robin to send along. She's out now so not certain she sent it along. Do we still need to meet?

Thanks for checking in on the progress of the QAPP. You are correct, the DQOs are used to develop the QAPP. They have, in fact, been developed and the QAPP is undergoing final formatting edits. We expect the final version to be ready for signature in the next week or so.

When we developed the one-pager, we confused data quality *indicators* with *objectives*. The indicators are described in the QAPP and will be refined as ORD works with the data to develop emissions estimating methodologies.

Bill Schrock
U.S. EPA
RTP, NC 27709
(919) 541-5032
(919) 541-3470 (fax)

Message

From: Mills, Kathy [Mills.Kathy@epa.gov]
Sent: 6/5/2018 7:54:26 PM
To: South, Peter [South.Peter@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]
Subject: 6/8 NAEMS briefing w/Bill
Attachments: NAEMS Schedule_6.8.18_v3.docx

Pete,
Pager attached for 6/8 briefing – Robin has approved this version.

Mike,
Robin will discuss with during 4pm meeting today.
KB

Kathy “KB Mills ~ SPPD ~ U. S. EPA, OAQPS ~ 919-541-1599

Message

From: Mills, Kathy [Mills.Kathy@epa.gov]
Sent: 6/5/2018 3:49:37 PM
To: Costa, Allison [Costa.Allison@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: RE: Review: NAEMS pager for Friday AA meeting
Attachments: NAEMS Schedule_6.8.18_v2KB.docx

Minor edits/comments.

Kathy "KB Mills ~ SPPD ~ U. S. EPA, OAQPS ~ 919-541-1599

From: Costa, Allison
Sent: Tuesday, June 05, 2018 11:00 AM
To: Mills, Kathy <Mills.Kathy@epa.gov>
Cc: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: Review: NAEMS pager for Friday AA meeting

Hi KB,

Attached is the revised pager for the Communications review for our meeting with Wehrum about the NAEMS schedule on Friday.

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

Message

From: South, Peter [South.Peter@epa.gov]
Sent: 6/7/2018 8:53:34 PM
To: Harnett, Bill [Harnett.Bill@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]; OAQPS WOPS [OAQPS_WOPS@epa.gov]; OAR Briefings [OAR_Briefings@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Ashley, John [ashley.john@epa.gov]; Conner, Lisa [Conner.Lisa@epa.gov]; Culligan, Kevin [Culligan.Kevin@epa.gov]; Eck, Janet [Eck.Janet@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; Lassiter, Penny [Lassiter.Penny@epa.gov]; McLamb, Marguerite [McLamb.Marguerite@epa.gov]; Mills, Kathy [Mills.Kathy@epa.gov]; Morales, Mariel [Morales.Mariel@epa.gov]; Pemberton, Wanda [Pemberton.Wanda@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]; Srivastava, Ravi [Srivastava.Ravi@epa.gov]
Subject: NAEMS Schedule: Materials in prep for tomorrow's meeting with Bill W
Attachments: NAEMS Schedule 06_08_18.docx

I have attached the briefing materials in prep for tomorrow's NAEMS meeting with Bill.

Please call me with any questions relating to this information.

Thank you.

Pete South
OAR/OAQPS/IO
U.S. EPA
office: 919 541-5359
cell: 919 599-7213

Organizer	Wehrum, Bill		
Subject	NAEMS Schedule		
Location	WJC-N 5400 + Video with RTP + Dial Ex. 6 Personal Privacy (PP) Participant Code Ex. 6 Personal Privacy (PP)		
Start time	Fri 6/8/2018 10:00 AM	<input type="checkbox"/> All day event	
End time	Fri 6/8/2018 11:00 AM		

TO: Clint Woods, Mandy Gunasekara, Josh Lewis, Peter Tsirigotis, Mike Koerber, Bill Harnett, Penny Lassiter, Robin Dunkins, Allison Costa, Bill Bodine, Rosemarie Kelley, Tim Sullivan, Jennifer Orme-Zavaleta, Alan Vette, Carlos Nunez, William Yelverton



OAR Meeting
Request- RE: NA...

Message

From: Mills, Kathy [Mills.Kathy@epa.gov]
Sent: 4/24/2018 2:31:45 PM
To: South, Peter [South.Peter@epa.gov]
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Rimer, Kelly [Rimer.Kelly@epa.gov]
Subject: 4/25 NAEMS Update w/Bill Wehrum - pager
Attachments: NAEMSEEMOptions4.25.18.docx

Pager attached for 4/25 NAEMS briefing. This version has been approved by Robin and team.
KB

Kathy "KB Mills ~ SPPD ~ U. S. EPA, OAQPS ~ 919-541-1599

Message

From: Dunkins, Robin [Dunkins.Robin@epa.gov]
Sent: 5/9/2019 2:01:21 PM
To: Eck, Janet [Eck.Janet@epa.gov]
CC: Costa, Allison [Costa.Allison@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]
Subject: Meeting request for Wehrum re:NAEMS
Attachments: Wehrum Meeting Request-NAEMS update 050919.docx

Janet,
Here's the meeting request for Wehrum next Tuesday.

Thanks,
robin

Robin Dunkins, Group Leader
Natural Resources Group
OAR/OAQPS/SPPD Mail Code: E143-03
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-5335
dunkins.robin@epa.gov

OAD Meeting Request Form For Bill Wehrum

Date of this Request: 05/08/2019

Scheduling Point of Contact: Nina McKinney, 919-541-5616

Technical Point of Contact: Peter Tsirigotis, 919-541-5616

Subject: NAEMS Update

Purpose: Discuss the current progress and revised schedule for the project to develop emission models for AFOs monitored during NAEMS.

- Next ADP Milestone:
- If applicable, due date to: OP: ;OMB: n/a
- Legal deadline:
- Other firm deadline:
-

First possible date for meeting: 05/14/2019

Last possible date for meeting: 05/14/2019

Duration: 30 minutes

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

Office/Org

Name (Last, First)

OAR

Idsal, Anne; Harlow, David; Lewis, Josh;

OAQPS

Tsirigotis, Peter; Koerber, Mike; Lassiter, Penny; Cozzie, David;
Dunkins, Robin; Costa, Allison; Schrock, Bill

ORD

Orme-Zavaleta, Jennifer; Vette, Alan; Yelverton, William

cc:

Ward, Hillary; South, Peter; Srivastava, Ravi

Schedulers to cc:

McKinney, Voronina; Joseph, Wanda; Perry, Nancy; Eck, Janet.

HQ Meeting Briefing Materials: Must provide to OAR IO by 5:00pm, 2 days before meeting.

Message

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 5/31/2018 8:23:23 PM
To: Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: NAEMS Meeting Request
Attachments: Wehrum Meeting Request_NAEMS Schedule.docx

Hi Robin,

Attached is the meeting request form to brief Wehrum on our proposed NAEMS schedule.

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

OAD Meeting Request Form For Bill Wehrum

Date of this Request: May 31, 2018

Scheduling Point of Contact: Pete South, 919-541-5359

Technical Point of Contact: Peter Tsirigotis

Subject: NAEMS Schedule

Purpose: Discuss proposed schedule for developing and publishing CAFO emission estimating methodologies resulting from the National Air Emissions Monitoring Study (NAEMS) and related OIG action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: Settlement agreement due date is __/__/__.
- Other firm deadline: OIG recommend actions due 6/30/18

First possible date for meeting: 6/6/18 – 6/8/18 (*preferred dates)

Last possible date for meeting: 6/11/18 – 6/15/18

Duration: 1 hour

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

<u>Office/Org</u>	<u>Name (Last, First)</u>
-------------------	---------------------------

OAR

OAQPS	Tsirigotis, Peter; Koerber, Mike; Harnett, Bill; Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill;
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OECA	Bodine, Susan; Kelley, Rosemarie; Sullivan, Tim
------	---

ORD	Orme-Zavaleta, Jennifer; Vette, Alan; Nunez, Carlos; Yelverton, William
-----	---

Schedulers to cc:	StClair, Aimee; Johnson, Tanya; Eck, Janet; McKinney, Voronina
-------------------	--

HQ Meeting Briefing Materials

Revised 6/2017

Appointment

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 5/10/2018 3:10:53 PM
To: Bodine, Susan [bodine.susan@epa.gov]
Subject: Accepted: Update on Animal Feeding Operations National air Emissions Monitoring Study and Air Compliance Agreement
Location: 3216 WJC-South
Start: 5/16/2018 7:00:00 PM
End: 5/16/2018 7:30:00 PM
Show Time As: Busy

Appointment

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 1/26/2018 9:28:50 PM
To: Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]
BCC: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E [RTP-OAQPS-E141B@epa.gov]; RTP-OAQPS-Ex. 6 Personal Privacy (PP) SPPD/Phone-Line/RTP-OAQPS-BLDG-C [RTP-OAQPS-Ex. 6 Personal Privacy (PP) SPPD@epa.gov]
Subject: NAEMS Check-In
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E; RTP-OAQPS-Ex. 6 Personal Privacy (PP) SPPD/Phone-Line/RTP-OAQPS-BLDG-C
Start: 2/1/2018 3:30:00 PM
End: 2/1/2018 4:00:00 PM
Show Time As: Tentative

Recurrence: Weekly
every 3 week(s) on Thursday from 10:30 AM to 11:00 AM

Discuss schedule for meeting OIG action items (QAPP/DQO by 3/31; EEM go/no go & public milestones by 6/30)

Message

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 1/26/2018 8:13:06 PM
To: Dunkins, Robin [Dunkins.Robin@epa.gov]
CC: StClair, Aimee [StClair.Aimee@epa.gov]
Subject: CAFO IG Briefings
Attachments: OAQPS Meeting Request-CAFO IG.docx; Wehrum Meeting Request-CAFO IG.docx

Hi Robin,

Attached are the meeting request forms to brief Peter and Bill on the OAR responsibilities related to the IG report about the delay in the NAEMS project and upcoming milestones. Please let me know if you would like me to make any adjustments.

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

**OAR Meeting Request Form
For Peter Tsirigotis**

Date of this Request: January 26, 2018

Scheduling Point of Contact: Pete South, 919-541-5359

Technical Point of Contact: Penny Lassiter, 919-541-5396

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP : To OMB:
- Legal deadline:
- Other firm deadline:

First possible date for meeting: 2/5/18

Last possible date for meeting: 2/9/18

Duration: 1 hr

Requested Audio / Video (*Mark with "X" if requested*)

_____ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

_____ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

_____ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are Cc:

Office/Org

Name (Last, First)

OAR

OAQPS

Lassiter, Penny; Dunkins, Robin; Costa, Allison; Schrock, Bill; Mills, Kathy

OGC

cc:

South, Peter; Henigin, Mary; McLamb, Marguerite; Conner, Lisa

Schedulers to cc:

StClair, Aimee; Johnson, Tanya; Eck, Janet; McKinney, Voronina

HQ Meeting Briefing Materials: Must provide to OAQPS IO by 5:00pm, 2 days before meeting.

OAD Meeting Request Form For Bill Wehrum

Date of this Request: January 26, 2018

Scheduling Point of Contact: Pete South, 919-541-5359

Technical Point of Contact: Peter Tsirigotis

Subject: CAFO IG Report

Purpose: Provide overview of OAR responsibilities to OIG related to the CAFO National Air Emissions Monitoring Study (NAEMS) and upcoming action items.

- Next ADP Milestone: (specify early guidance, options selection, etc.); meeting scheduled on: __/__/__;
- If applicable, due date to: OP __/__/__ (days review); OMB: __/__/__ (days review);
- Legal deadline: Settlement agreement due date is __/__/__.
- Other firm deadline:

First possible date for meeting: 2/12/18

Last possible date for meeting: 2/23/18

Duration: 1 hour

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

Office/Org

Name (Last, First)

OAR

OAQPS

Tsirigotis, Peter; Lassiter, Penny; Dunkins, Robin; Costa, Allison;
Schrock, Bill; Mills, Kathy

OGC

Greenglass, Nora; Rodman, Sonja

Schedulers to cc:

StClair, Aimee; Johnson, Tanya; Eck, Janet; McKinney, Voronina

HQ Meeting Briefing Materials

Revised 6/2017

Message

From: Costa, Allison [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B345CA759FAE4B7FB1AFA4C500D4CFB7-ACOSTA]
Sent: 5/8/2019 3:56:43 PM
To: Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: Draft NAEMS - Wehrum meeting request
Attachments: Wehrum Meeting Request-NAEMS update.docx

For your review

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

From: Dunkins, Robin
Sent: Tuesday, May 07, 2019 3:59 PM
To: Costa, Allison <Costa.Allison@epa.gov>
Subject: Fwd: Request for Topics: 5/14 OAR Visit to RTP

Robin Dunkins, Group Leader
Natural Resources Group
OAR/OAQPS/SPPD Mail Code E143-03
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-5335 office
919-605-1178 cell
dunkins.robins@epa.gov

Begin forwarded message:

From: "Eck, Janet" <Eck.Janet@epa.gov>
Date: May 7, 2019 at 3:48:06 PM EDT
To: "Dunkins, Robin" <Dunkins.Robin@epa.gov>
Cc: "South, Peter" <South.Peter@epa.gov>
Subject: RE: Request for Topics: 5/14 OAR Visit to RTP

Hi Robin, We will make the request to add NAEMS to the 5/14 meeting topics. Please send a meeting request forward. Thanks.

From: Dunkins, Robin
Sent: Tuesday, May 07, 2019 1:38 PM
To: Eck, Janet <Eck.Janet@epa.gov>
Cc: South, Peter <South.Peter@epa.gov>
Subject: RE: Request for Topics: 5/14 OAR Visit to RTP

Janet/Pete,

Please check with Mike Koerber on NAEMS (Wehrum previously asked for an update on NAEMS). We discussed last month that we would brief Bill when he visited in May. I've got ORD and others getting ready for this one. Please add NAEMS update.

Robin Dunkins, Group Leader
Natural Resources Group
OAR/OAQPS/SPPD Mail Code: E143-03
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-5335
dunkins.robin@epa.gov

From: Eck, Janet

Sent: Monday, May 06, 2019 10:06 AM

To: Barnett, Keith <Barnett.Keith@epa.gov>; Dunkins, Robin <Dunkins.Robin@epa.gov>; French, Chuck <French.Chuck@epa.gov>; Fruh, Steve <Fruh.Steve@epa.gov>; Hutson, Nick <Hutson.Nick@epa.gov>; Lamason, Bill <Lamason.Bill@epa.gov>; Shine, Brenda <Shine.Brenda@epa.gov>; Topham, Nathan <Topham.Nathan@epa.gov>

Cc: Ashley, John <ashley.john@epa.gov>; Mills, Kathy <Mills.Kathy@epa.gov>; Crowley, Kate <crowley.kate@epa.gov>; Cozzie, David <Cozzie.David@epa.gov>; McLamb, Marguerite <McLamb.Marguerite@epa.gov>; Pemberton, Wanda <Pemberton.Wanda@epa.gov>; South, Peter <South.Peter@epa.gov>

Subject: FW: Request for Topics: 5/14 OAR Visit to RTP

Importance: High

Ex. 5 Deliberative Process (DP)

From: Ward, Hillary

Sent: Monday, May 06, 2019 9:50 AM

To: OAQPS SMT1 <OAQPS_SMT1@epa.gov>; OAQPS SMT2 <OAQPS_SMT2@epa.gov>

Cc: Chappell, Regina <Chappell.Regina@epa.gov>; Johnson, Yvonne W <Johnson.Yvonnew@epa.gov>; Long, Pam <Long.Pam@epa.gov>; Eck, Janet <Eck.Janet@epa.gov>; Brown, Kelly <Brown.Kelly@epa.gov>; Terry, Sara <Terry.Sara@epa.gov>

Subject: Request for Topics: 5/14 OAR Visit to RTP

Importance: High

Ex. 5 Deliberative Process (DP)

Hillary Ward
USEPA, Office of Air Quality Planning and Standards
(919)541-3154

OAD Meeting Request Form For Bill Wehrum

Date of this Request: 05/08/2019

Scheduling Point of Contact: Nina McKinney, 919-541-5616

Technical Point of Contact: Peter Tsirigotis, 919-541-5616

Subject: NAEMS Update

Purpose: Discuss the current progress and revised schedule for the project to develop emission models for AFOs monitored during NAEMS.

- Next ADP Milestone:
- If applicable, due date to: OP: ;OMB: n/a
- Legal deadline:
- Other firm deadline:
-

First possible date for meeting: 05/14/2019

Last possible date for meeting: 05/14/2019

Duration: 30 minutes

Requested Audio / Video (Mark with "X" if requested)

☒ **Video Location(s):** RTP, DC

List video locations needed (e.g., RTP, DC, Regions)– HQ will set up a bridge if needed

☒ **HQ Conference Line:**

If requested, HQ staff will provide in meeting invite

☐ **Non-HQ Conference Line:**

If you plan to use a non-HQ conference line, include it here

Invitees (please list by Office and in Outlook format, e.g. Last, First):

Please include the key OGC and/or Regional representatives as appropriate. Only key invitees are listed by office; others are cc:

Office/Org

Name (Last, First)

OAR

Idsal, Anne; Harlow, David; Lewis, Josh;

OAQPS

Tsirigotis, Peter; Koerber, Mike; Lassiter, Penny; South, Peter; Dunkins, Robin; Costa, Allison; Schrock, Bill

ORD

Orme-Zavaleta, Jennifer; Vette, Alan; Yelverton, William

cc:

Ward, Hillary; Cozzie, David

Schedulers to cc:

McKinney, Voronina; Joseph, Wanda; Perry, Nancy; Eck, Janet.

HQ Meeting Briefing Materials: Must provide to OAR IO by 5:00pm, 2 days before meeting.

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 5/22/2017 12:28:25 PM
To: Koerber, Mike [Koerber.Mike@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]
CC: South, Peter [South.Peter@epa.gov]; Alston, Lala [Alston.Lala@epa.gov]
Subject: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 3:30:00 PM
End: 5/22/2017 4:00:00 PM
Show Time As: Tentative

Appointment

From: Jones, Richard [Jones.Richard@epa.gov]
Sent: 2/28/2017 4:55:01 PM
To: Dunkins, Robin [Dunkins.Robin@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; McKinney, Doug [Mckinney.Douglas@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Walker, JohnT [Walker.Johnt@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Vincent, Marc [Vincent.Marc@epa.gov]; Spriggs, Gwendolyn [Spriggs.Gwendolyn@epa.gov]; Hatfield, James [Hatfield.Jim@epa.gov]; Good, Kevin [Good.Kevin@epa.gov]; Hauck, Erica [Hauck.Erica@epa.gov]
CC: Narimatsu, Julie [Narimatsu.Julie@epa.gov]
Subject: EPA/OIG Discussion Document Meeting - AFO Air Emissions
Location: Conference room E201
Start: 3/1/2017 7:00:00 PM
End: 3/1/2017 8:00:00 PM
Show Time As: Tentative

Appointment

From: Jones, Richard [Jones.Richard@epa.gov]
Sent: 2/22/2017 7:52:20 PM
To: Jones, Richard [Jones.Richard@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; McKinney, Doug [Mckinney.Douglas@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Vincent, Marc [Vincent.Marc@epa.gov]; Spriggs, Gwendolyn [Spriggs.Gwendolyn@epa.gov]; Hatfield, James [Hatfield.Jim@epa.gov]; Good, Kevin [Good.Kevin@epa.gov]; Hauck, Erica [Hauck.Erica@epa.gov]
Subject: EPA/OIG Discussion Document Meeting - AFO Air Emissions
Location: Conference room E201
Start: 3/1/2017 7:00:00 PM
End: 3/1/2017 8:00:00 PM
Show Time As: Busy

Appointment

From: Page, Steve [Page.Steve@epa.gov]
Sent: 5/15/2017 8:16:37 PM
To: Page, Steve [Page.Steve@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]
CC: South, Peter [South.Peter@epa.gov]; Alston, Lala [Alston.Lala@epa.gov]
Subject: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 3:30:00 PM
End: 5/22/2017 4:00:00 PM
Show Time As: Busy

Appointment

From: Dunkins, Robin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=50505AF25AF94494AD34EE072A4F1E45-RDUNKINS]
Sent: 5/15/2017 9:21:32 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/23/2017 1:30:00 PM
End: 5/23/2017 2:00:00 PM
Recurrence: (none)

Appointment

From: Dunkins, Robin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=50505AF25AF94494AD34EE072A4F1E45-RDUNKINS]
Sent: 5/15/2017 8:31:34 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 2:45:00 PM
End: 5/22/2017 3:15:00 PM
Recurrence: (none)

Appointment

From: Page, Steve [Page.Steve@epa.gov]
Sent: 5/15/2017 8:16:37 PM
To: Page, Steve [Page.Steve@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]
CC: South, Peter [South.Peter@epa.gov]; Alston, Lala [Alston.Lala@epa.gov]
Subject: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 3:30:00 PM
End: 5/22/2017 4:00:00 PM
Show Time As: Busy

Appointment

From: Page, Steve [Page.Steve@epa.gov]
Sent: 5/15/2017 8:54:38 PM
To: Page, Steve [Page.Steve@epa.gov]; Dunham, Sarah [Dunham.Sarah@epa.gov]; Lewis, Josh [Lewis.Josh@epa.gov]; Koerber, Mike [Koerber.Mike@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]
CC: South, Peter [South.Peter@epa.gov]; Alston, Lala [Alston.Lala@epa.gov]; Loving, Shanita [Loving.Shanita@epa.gov]; Atkinson, Emily [Atkinson.Emily@epa.gov]; Johnson, Tanya [Johnson.Tanya@epa.gov]; McKinney, Voronina [mckinney.voronina@epa.gov]
Subject: NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/23/2017 1:30:00 PM
End: 5/23/2017 2:00:00 PM
Show Time As: Busy

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Subject: EPA/OIG Discussion Document Meeting - AFO Air Emissions
Attachments: OIG Discussion Document for AFO Evaluation -- for Agency Review -- 2-10-17.docx
Location: Conference room E201
Start: 3/1/2017 7:00:00 PM
End: 3/1/2017 8:00:00 PM
Show Time As: Busy

This is a meeting to discuss the OIG's Discussion Document: EPA's Efforts to Evaluate AFO Air Emissions. The document (attached) was provided to the agency on 2/10/17.

Please use call-in 866-299-3188 and code: Ex. 6 Personal Privacy (PP)

Message

From: Costa, Allison [Costa.Allison@epa.gov]
Sent: 7/13/2018 2:28:32 PM
To: crichter@thepolicygroup.com
CC: Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: RE: Hi Robin - Poultry and EEMs follow up

Hi Christian,

Robin asked me to follow up from your telephone call with additional details for the meeting next week.

First, a quick overview of the EPA attendees and our respective roles:

(OAR) OAQPS/Natural Resources Group – Robin Dunkins (group leader), Bill Schrock and Allison Costa
We are responsible for the policy and programmatic aspects of the NAEMS work, as well as overall coordination and communication

(OAR) OAQPS/Measurement Policy Group – Mike Ciolek
Our measurement policy group manages the process for updates to AP-42 emission factors. Of relevance to our project, they oversee the typical public review process for new or updated emission factors.

(ORD) NRMRL/Energy and Natural Systems Branch – Will Yelverton (branch chief), Ian Rumsey and John Walker
ORD is responsible for the analysis of the NAEMS dataset and developing the draft emission estimating methodologies. Ian is the principal investigator leading the group for this work.

Also, Greg Zwicke, our counterpart with USDA's Natural Resources Conservation Service, will be in town and plans to attend the meeting.

Second, we would propose the following agenda:

2:30 – 2:40: Arrival/introductions

2:40 – 3:15: EPA Overview

- Air permitting regulations that could be relevant to AFOs, the timeline for development of draft emission estimating methodologies and related information/tools, and explanation of EPA's typical process for adoption of new/updated emission factors

3:15 – 4:00: Discussion

- Industry questions, such as future process, additional emission sources not monitored during NAEMS, applicability of the methodologies, changes in industry practices since 2010; and specific stakeholder concerns

We're looking forward to the meeting and are happy to adjust the agenda to ensure the discussion is productive on all sides.

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

From: Christian Richter [mailto:crichter@thepolicygroup.com]
Sent: Tuesday, June 26, 2018 12:53 PM
To: Costa, Allison <Costa.Allison@epa.gov>
Cc: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: RE: Hi Robin - Poultry and EEMs follow up

Allison thanks again. Just sent you and Robin a quick note re our meeting.

Thanks,

Christian

On Jun 22, 2018 8:17 AM, "Costa, Allison" <Costa.Allison@epa.gov> wrote:
Hi Christian,

Thanks for reaching out! The EPA attendees will be:

Robin Dunkins
Bill Schrock
Allison Costa
Mike Ciolek
Will Yelverton
Ian Rumsey
Chelsey Fattal

Don't hesitate to let me know if there's anything else I can help with while Robin is out of the office.

Cheers,
Allison

Allison Costa
U.S. EPA | Natural Resources Group | Sector Policies and Programs Division, OAQPS
109 T.W. Alexander Drive (Mail Drop E143-03) | Research Triangle Park, NC 27711
Phone: 919.541.1322 | email: Costa.Allison@epa.gov

From: Dunkins, Robin
Sent: Wednesday, June 20, 2018 9:02 PM
To: crichter@thepolicygroup.com
Cc: Costa, Allison <Costa.Allison@epa.gov>
Subject: Re: Hi Robin - Poultry and EEMs follow up

Christian,
There will probably be 6 or 7 of us from EPA. I'm out of the office until Tuesday but Allison is working to finalize attendees this week. I will have her send you list of attendees when she's done.

If you need to talk with me, please feel free to call me on my cell.

Thanks,
Robin

Robin Dunkins, Group Leader
Natural Resources Group
OAR/OAQPS/SPPD Mail Code E143-03
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-5335 office
919-605-1178 cell
dunkins.robin@epa.gov

On Jun 19, 2018, at 7:46 PM, Christian Richter <crichter@thepolicygroup.com> wrote:

Robin:

For our 7/17 meeting @ 230 - 400 pm your way at RTP, can you confirm who else will be there on your team?

For us it will just be Paul Bredwell and me.

Thanks,

Christian

From: Christian Richter
Sent: Friday, June 8, 2018 12:17 PM
To: Dunkins, Robin
Subject: RE: Hi Robin - Poultry and EEMs follow up

Robin:

That should work.

Best,

Christian

On Jun 8, 2018 12:07 PM, "Dunkins, Robin" <Dunkins.Robin@epa.gov> wrote:

Let's do 2:30 – 4pm on July 17th. Does that work for you?

Robin Dunkins, Group Leader

Natural Resources Group

OAR/OAQPS/SPPD Mail Code: E143-03

U.S. Environmental Protection Agency

Research Triangle Park, NC 27711

919-541-5335

dunkins.robin@epa.gov

From: Christian Richter [<mailto:crichter@thepolicygroup.com>]

Sent: Friday, June 08, 2018 10:37 AM

To: Dunkins, Robin <Dunkins.Robin@epa.gov>

Subject: Re: Hi Robin - Poultry and EEMs follow up

Robin we can do July 17 in afternoon. How would 2 or 3 work?

Best,

Christian

On Jun 7, 2018 6:30 PM, "Dunkins, Robin" <Dunkins.Robin@epa.gov> wrote:

Thanks Christian, please do. I plan to schedule another meeting on July 17th or 18th depending on which date you pick.

Thanks

Robin Dunkins, Group Leader

Natural Resources Group

OAR/OAQPS/SPPD Mail Code E143-03

U.S. Environmental Protection Agency

Research Triangle Park, NC 27711

919-541-5335 office

919-605-1178 cell

dunkins.robin@epa.gov

On Jun 7, 2018, at 5:40 PM, Christian Richter <crichter@thepolicygroup.com> wrote:

Robin - we prefer July 17 or 18 and I can call or confirm in the morning with final decision on day and details.

I hope this works for you.

Best,

Christian

On Jun 6, 2018 12:59 PM, "Dunkins, Robin" <Dunkins.Robin@epa.gov> wrote:

Christian, checking back in to see if any of these dates work for you. I need to set up a couple of other meetings but wanted to make sure you were covered first. Please let me know so I can release some of these dates.

Thanks,

robin

Robin Dunkins, Group Leader

Natural Resources Group

OAR/OAQPS/SPPD Mail Code: E143-03

U.S. Environmental Protection Agency

Research Triangle Park, NC 27711

919-541-5335

dunkins.robin@epa.gov

From: Dunkins, Robin

Sent: Thursday, May 31, 2018 5:05 PM

To: 'Christian Richter' <crichter@thepolicygroup.com>

Subject: RE: Hi Robin - Poultry and EEMs follow up

Here are potential dates/times:

Monday, July 9th: 1 pm – 3 pm

Tuesday, July 10th: 2 pm – 4 pm

Wednesday, July 11th: 10 am – 12 pm

Tuesday, July 17th: 1 pm – 4 pm

Wednesday, July 18th: 10 am – 11 am

Robin Dunkins, Group Leader

Natural Resources Group

OAR/OAQPS/SPPD Mail Code: E143-03

U.S. Environmental Protection Agency

Research Triangle Park, NC 27711

919-541-5335

dunkins.robin@epa.gov

From: Christian Richter [<mailto:crichter@thepolicygroup.com>]

Sent: Wednesday, May 30, 2018 5:13 PM

To: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: Re: Hi Robin - Poultry and EEMs follow up

Robin:

No problem at all. No press - just wanted to give you room to opt for what works your way.

Best regards,

Christian

From: Dunkins, Robin <Dunkins.Robin@epa.gov>
Sent: Wednesday, May 30, 2018 5:11 PM
To: Christian Richter
Subject: RE: Hi Robin - Poultry and EEMs follow up

Let me get back to you tomorrow on dates.

Robin Dunkins, Group Leader

Natural Resources Group

OAR/OAQPS/SPPD Mail Code: E143-03

U.S. Environmental Protection Agency

Research Triangle Park, NC 27711

919-541-5335

dunkins.robins@epa.gov

From: Christian Richter [<mailto:crichter@thepolicygroup.com>]
Sent: Wednesday, May 30, 2018 5:04 PM
To: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: Hi Robin - Poultry and EEMs follow up

Hello Robin:

Hope you enjoyed the long weekend.

I wanted to follow up on our discussion last week and see what your calendar may look like in the next 4-8 weeks for a broiler meeting with you and your team.

Best regards,

Christian

U.S. Poultry & Egg Association

The Policy Group

1800 M Street NW

Suite 400 South

Washington, DC 20036

(202) 257-0250 direct

crichter@thepolicygroup.com

Message

From: Phillip Assmus [passmus@4cleanair.org]
Sent: 5/25/2018 8:33:58 PM
To: Dunkins, Robin [Dunkins.Robin@epa.gov]
Subject: Re: 6/19 NACAA Ag Committee Call

No worries. Let's plan to talk sometime Tuesday morning.

Have a fantastic long weekend!

From: Dunkins, Robin <Dunkins.Robin@epa.gov>
Sent: Friday, May 25, 2018 3:07:33 PM
To: Phillip Assmus
Subject: Re: 6/19 NACAA Ag Committee Call

I'm sorry we didn't connect this week. Let's talk on Tuesday. I don't mind doing update but not sure we will have much to say on the 19th

Robin Dunkins, Group Leader
Natural Resources Group
OAR/OAQPS/SPPD Mail Code E143-03
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-5335 office
919-605-1178 cell
dunkins.robins@epa.gov

On May 25, 2018, at 11:50 AM, Phillip Assmus <passmus@4cleanair.org> wrote:

Hello Robin,

Any thoughts on on topics for the June 19 Ag call?

We'd really like an update on EPA's response to the OIG report on the AFO emissions estimating methodology. I know there were a number of anticipated agency actions in the first and second quarters of this year.

Thanks,

Phil

From: Phillip Assmus
Sent: Tuesday, May 22, 2018 2:07:45 PM
To: Dunkins, Robin
Subject: Re: 6/19 NACAA Ag Committee Call

Sounds great. Thanks!

From: Dunkins, Robin <Dunkins.Robin@epa.gov>
Sent: Tuesday, May 22, 2018 10:15:25 AM
To: Phillip Assmus
Subject: RE: 6/19 NACAA Ag Committee Call

Hey Phil,
I'm just getting back in the office. Let me get back to you this week.

Robin Dunkins, Group Leader
Natural Resources Group
OAR/OAQPS/SPPD Mail Code: E143-03
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
919-541-5335
dunkins.robins@epa.gov

From: Phillip Assmus [<mailto:passmus@4cleanair.org>]
Sent: Tuesday, May 15, 2018 1:13 PM
To: Dunkins, Robin <Dunkins.Robin@epa.gov>
Subject: 6/19 NACAA Ag Committee Call

Hello Robin,

I have been a while and I hope you are well. NACAA has an Agriculture Committee call schedule for Tuesday, June 19, and I am looking for agenda items. I am going to give this some more thought, but wanted I would check in with you early to start brainstorming. Do you have any ideas or timely topics to suggest for the agenda?

Thanks,

Phil

Phillip Assmus
Senior Staff Associate
National Association of Clean Air Agencies
444 N. Capitol Street, NW, Suite 307
Washington, DC 20001
Phone: (202) 624-7864
Fax: (202) 624-7863
passmus@4cleanair.org

Appointment

From: South, Peter [South.Peter@epa.gov]
Sent: 5/22/2017 12:28:25 PM
To: Koerber, Mike [Koerber.Mike@epa.gov]; Tsirigotis, Peter [Tsirigotis.Peter@epa.gov]; Dunkins, Robin [Dunkins.Robin@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]
CC: South, Peter [South.Peter@epa.gov]; Alston, Lala [Alston.Lala@epa.gov]
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To: Dunkins, Robin [Dunkins.Robin@epa.gov]; Harnett, Bill [Harnett.Bill@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]; McKinney, Doug [Mckinney.Douglas@epa.gov]; Nunez, Carlos [Nunez.Carlos@epa.gov]; Walker, JohnT [Walker.Johnt@epa.gov]; Jones, Mike [Jones.Mike@epa.gov]; Vincent, Marc [Vincent.Marc@epa.gov]; Spriggs, Gwendolyn [Spriggs.Gwendolyn@epa.gov]; Hatfield, James [Hatfield.Jim@epa.gov]; Good, Kevin [Good.Kevin@epa.gov]; Hauck, Erica [Hauck.Erica@epa.gov]
CC: Narimatsu, Julie [Narimatsu.Julie@epa.gov]
Subject: EPA/OIG Discussion Document Meeting - AFO Air Emissions
Attachments: OIG Discussion Document for AFO Evaluation -- for Agency Review -- 2-10-17.docx
Location: Conference room E201

Start: 3/1/2017 7:00:00 PM
End: 3/1/2017 8:00:00 PM
Show Time As: Tentative

This is a meeting to discuss the OIG's Discussion Document: EPA's Efforts to Evaluate AFO Air Emissions. The document (attached) was provided to the agency on 2/10/17.

Please use call-in 866-299-3188 and code: Ex. 6 Personal Privacy (PP)

Appointment

From: Dunkins, Robin [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=50505AF25AF94494AD34EE072A4F1E45-RDUNKINS]
Sent: 6/24/2019 9:21:20 PM
To: Schrock, Bill [Schrock.Bill@epa.gov]

Subject: Accepted: OIG NAEMS Report-Freedom of Information Act Request; Call-in #
Location: E101

Ex. 6 Personal Privacy (PP)

Start: 6/25/2019 2:00:00 PM
End: 6/25/2019 2:30:00 PM
Show Time As: Busy

Appointment

From: Costa, Allison [Costa.Allison@epa.gov]
Sent: 1/26/2018 9:28:50 PM
To: Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]

Subject: NAEMS Check-In

Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E; RTP-OAQPS-Ex. 6 - Personal Privacy SPPD/Phone-Line/RTP-OAQPS-BLDG-C

Start: 2/1/2018 3:30:00 PM

End: 2/1/2018 4:00:00 PM

Show Time As: Tentative

Recurrence: Weekly
every 3 week(s) on Thursday from 10:30 AM to 11:00 AM

Discuss schedule for meeting OIG action items (QAPP/DQO by 3/31; EEM go/no go & public milestones by 6/30)

Message

From: Palich, Christian [palich.christian@epa.gov]
Sent: 10/12/2017 8:42:13 PM
To: Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]
CC: Dominguez, Alexander [dominguez.alexander@epa.gov]
Subject: Wehrum QFR's
Attachments: FINAL Wehrum QFRs 10.12.2017.pdf; Wehrum QFRs - Attachment 1.pdf

Hi Mandy,

Attached are Bill's final QFR's we sent in to EPW, thought you might want to have them for your records. Really appreciate all the help you and Alex did to help us and Bill complete these on time.

Have a terrific evening!

Christian R. Palich
Deputy Associate Administrator
Office of Congressional & Intergovernmental Affairs
U.S Environmental Protection Agency
O: 202.564.4944
C: 202.306.4656
E: Palich.Christian@epa.gov

Message

From: Shoaff, John [Shoaff.John@epa.gov]
Sent: 10/22/2018 4:11:14 PM
To: Wehrum, Bill [Wehrum.Bill@epa.gov]; Woods, Clint [woods.clint@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Harlow, David [harlow.david@epa.gov]; Dominguez, Alexander [dominguez.alexander@epa.gov]
CC: Shaw, Betsy [Shaw.Betsy@epa.gov]; Hockstad, Leif [Hockstad.Leif@epa.gov]
Subject: Draft OAR Near-Mid Term Priority Research Products & Needs
Attachments: OAR Short-Mid-Term Research Priorities and Needs from ORD_Staff List 181018.docx

Bill et al,

Please find attached our staff-level list of near and medium-term research priorities developed in coordination with our programs. The introductory paragraph describes the

Deliberative Process / Ex. 5

We'll keep you apprised as we make progress, check-in along the way to confirm and/or elevate issues on sticking points for decision. In the interim, welcome any suggestions or refinements you might have on the list. Thank you.

John

JOHN SHOAFF | DIRECTOR
OFFICE OF AIR POLICY & PROGRAM SUPPORT (OAPPS)
OFFICE OF AIR & RADIATION | U.S. EPA | WJC NORTH 5442-B
1200 PENNSYLVANIA AVE. NW | MC 6103A | WASHINGTON, D.C. | 20460 | USA

Shoaff.john@epa.gov | 1-202-564-0531 DIRECT | 1-202-257-1755 MOBILE

Message

From: Morris, Madeline [morris.madeline@epa.gov]
Sent: 7/31/2017 2:07:44 PM
To: Abboud, Michael [abboud.michael@epa.gov]; Beck, Nancy [Beck.Nancy@epa.gov]; Bennett, Tate [Bennett.Tate@epa.gov]; Bolen, Brittany [bolen.brittany@epa.gov]; Bowman, Liz [Bowman.Liz@epa.gov]; Brown, Byron [brown.byron@epa.gov]; Chmielewski, Kevin [chmielewski.kevin@epa.gov]; Darwin, Henry [darwin.henry@epa.gov]; Darwin, Veronica [darwin.veronica@epa.gov]; Davis, Patrick [davis.patrick@epa.gov]; Dravis, Samantha [dravis.samantha@epa.gov]; Falvo, Nicholas [falvo.nicholas@epa.gov]; Ferguson, Lincoln [ferguson.lincoln@epa.gov]; Ford, Hayley [ford.hayley@epa.gov]; Fotouhi, David [fotouhi.david@epa.gov]; Frye, Tony (Robert) [frye.robert@epa.gov]; Graham, Amy [graham.amy@epa.gov]; Greaves, Holly [greaves.holly@epa.gov]; Greenwalt, Sarah [greenwalt.sarah@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Hale, Michelle [hale.michelle@epa.gov]; Hewitt, James [hewitt.james@epa.gov]; Hupp, Millan [hupp.millan@epa.gov]; Jackson, Ryan [jackson.ryan@epa.gov]; Kelly, Albert [kelly.albert@epa.gov]; Konkus, John [konkus.john@epa.gov]; Letendre, Daisy [letendre.daisy@epa.gov]; Lyons, Troy [lyons.troy@epa.gov]; McMurray, Forrest [mcmurray.forrest@epa.gov]; Morris, Madeline [morris.madeline@epa.gov]; Munoz, Charles [munoz.charles@epa.gov]; Palich, Christian [palich.christian@epa.gov]; Ringel, Aaron [ringel.aaron@epa.gov]; Rodrick, Christian [rodrick.christian@epa.gov]; Schwab, Justin [schwab.justin@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Wagner, Kenneth [wagner.kenneth@epa.gov]; Wilcox, Jahan [wilcox.jahan@epa.gov]; Yamada, Richard (Yujiro) [yamada.richard@epa.gov]; Baptist, Erik [baptist.erik@epa.gov]; Forsgren, Lee [Forsgren.Lee@epa.gov]; Cory, Preston (Katherine) [Cory.Preston@epa.gov]
Subject: Regional Update
Attachments: image2017-07-30-201343.pdf

For those who missed it on Friday, here is the update Ryan was talking about at today's meeting.

Madeline Morris Executive Scheduler | Office of the Administrator | direct: 202-564-0844 | cell: 202-579-4283

Message

From: Jackson, Ryan [jackson.ryan@epa.gov]
Sent: 7/10/2017 11:50:50 AM
To: Morris, Madeline [morris.madeline@epa.gov]; Baptist, Erik [baptist.erik@epa.gov]; Beck, Nancy [Beck.Nancy@epa.gov]; Bennett, Tate [Bennett.Tate@epa.gov]; Boats, Brian [boats.brian@epa.gov]; Bolen, Brittany [bolen.brittany@epa.gov]; Bowman, Liz [Bowman.Liz@epa.gov]; Brown, Byron [brown.byron@epa.gov]; Caldwell, James [Caldwell.James@epa.gov]; Chmielewski, Kevin [chmielewski.kevin@epa.gov]; Cory, Preston (Katherine) [Cory.Preston@epa.gov]; Davis, Patrick [davis.patrick@epa.gov]; Dickerson, Aaron [dickerson.aaron@epa.gov]; Dravis, Samantha [dravis.samantha@epa.gov]; Falvo, Nicholas [falvo.nicholas@epa.gov]; Ferguson, Lincoln [ferguson.lincoln@epa.gov]; Ford, Hayley [ford.hayley@epa.gov]; Forsgren, Lee [Forsgren.Lee@epa.gov]; Fotouhi, David [fotouhi.david@epa.gov]; Graham, Amy [graham.amy@epa.gov]; Greaves, Holly [greaves.holly@epa.gov]; Greenwalt, Sarah [greenwalt.sarah@epa.gov]; Gunasekara, Mandy [Gunasekara.Mandy@epa.gov]; Hale, Michelle [hale.michelle@epa.gov]; Hewitt, James [hewitt.james@epa.gov]; Hupp, Millan [hupp.millan@epa.gov]; Hupp, Sydney [hupp.sydney@epa.gov]; Jackson, Jennifer L. [Jackson.Jennifer@epa.gov]; Kelly, Albert [kelly.albert@epa.gov]; Konkus, John [konkus.john@epa.gov]; Letendre, Daisy [letendre.daisy@epa.gov]; Lyons, Troy [lyons.troy@epa.gov]; McMurray, Forrest [mcmurray.forrest@epa.gov]; Mickle, John [Mickle.John@epa.gov]; Munoz, Charles [munoz.charles@epa.gov]; Palich, Christian [palich.christian@epa.gov]; Perrotta, Pasquale [Perrotta.Pasquale@epa.gov]; Ringel, Aaron [ringel.aaron@epa.gov]; Rodrick, Christian [rodrick.christian@epa.gov]; Schwab, Justin [schwab.justin@epa.gov]; Smith, Chris-L [Smith.Chris-L@epa.gov]; Su, Wendy [su.wendy@epa.gov]; Traylor, Patrick [traylor.patrick@epa.gov]; Wagner, Kenneth [wagner.kenneth@epa.gov]; Wilcox, Jahan [wilcox.jahan@epa.gov]; Willis, Sharnett [Willis.Sharnett@epa.gov]; Woodward, Cheryl [Woodward.Cheryl@epa.gov]; Yamada, Richard (Yujiro) [yamada.richard@epa.gov]
Subject: RE:
Attachments: image2017-07-09-200530.pdf

I also wanted to ensure the weeklies prepared by each of the program offices and regions are being circulated on Fridays.

From: Morris, Madeline
Sent: Friday, July 7, 2017 5:28 PM
To: Baptist, Erik <baptist.erik@epa.gov>; Beck, Nancy <Beck.Nancy@epa.gov>; Bennett, Tate <Bennett.Tate@epa.gov>; Boats, Brian <boats.brian@epa.gov>; Bolen, Brittany <bolen.brittany@epa.gov>; Bowman, Liz <Bowman.Liz@epa.gov>; Brown, Byron <brown.byron@epa.gov>; Caldwell, James <Caldwell.James@epa.gov>; Chmielewski, Kevin <chmielewski.kevin@epa.gov>; Cory, Preston (Katherine) <Cory.Preston@epa.gov>; Davis, Patrick <davis.patrick@epa.gov>; Dickerson, Aaron <dickerson.aaron@epa.gov>; Dravis, Samantha <dravis.samantha@epa.gov>; Falvo, Nicholas <falvo.nicholas@epa.gov>; Ferguson, Lincoln <ferguson.lincoln@epa.gov>; Ford, Hayley <ford.hayley@epa.gov>; Forsgren, Lee <Forsgren.Lee@epa.gov>; Fotouhi, David <fotouhi.david@epa.gov>; Graham, Amy <graham.amy@epa.gov>; Greaves, Holly <greaves.holly@epa.gov>; Greenwalt, Sarah <greenwalt.sarah@epa.gov>; Gunasekara, Mandy <Gunasekara.Mandy@epa.gov>; Hale, Michelle <hale.michelle@epa.gov>; Hewitt, James <hewitt.james@epa.gov>; Hupp, Millan <hupp.millan@epa.gov>; Hupp, Sydney <hupp.sydney@epa.gov>; Jackson, Jennifer L. <Jackson.Jennifer@epa.gov>; Jackson, Ryan <jackson.ryan@epa.gov>; Kelly, Albert <kelly.albert@epa.gov>; Konkus, John <konkus.john@epa.gov>; Letendre, Daisy <letendre.daisy@epa.gov>; Lyons, Troy <lyons.troy@epa.gov>; McMurray, Forrest <mcmurray.forrest@epa.gov>; Mickle, John <Mickle.John@epa.gov>; Morris, Madeline <morris.madeline@epa.gov>; Munoz, Charles <munoz.charles@epa.gov>; Palich, Christian <palich.christian@epa.gov>; Perrotta, Pasquale <Perrotta.Pasquale@epa.gov>; Ringel, Aaron <ringel.aaron@epa.gov>; Rodrick, Christian <rodrick.christian@epa.gov>; Schwab, Justin <schwab.justin@epa.gov>; Smith, Chris-L <Smith.Chris-L@epa.gov>; Su, Wendy <su.wendy@epa.gov>; Traylor, Patrick <traylor.patrick@epa.gov>; Wagner, Kenneth <wagner.kenneth@epa.gov>; Wilcox, Jahan <wilcox.jahan@epa.gov>; Willis, Sharnett <Willis.Sharnett@epa.gov>; Woodward, Cheryl <Woodward.Cheryl@epa.gov>; Yamada, Richard (Yujiro) <yamada.richard@epa.gov>
Subject:

Hope everyone has a good weekend.

See you bright and early on Monday Morning for the CoS Meeting

Madeline Morris Executive Scheduler | Office of the Administrator | direct: 202-564-0844 | cell: 202-579-4283

Appointment

From: Harnett, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=437834C4B30541D2BEB0386CC3D0E253-WHARNETT]
Sent: 5/16/2017 12:16:51 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/23/2017 1:30:00 PM
End: 5/23/2017 2:00:00 PM
Recurrence: (none)

Appointment

From: Harnett, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=437834C4B30541D2BEB0386CC3D0E253-WHARNETT]
Sent: 5/16/2017 12:17:23 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 2:45:00 PM
End: 5/22/2017 3:15:00 PM
Recurrence: (none)

Appointment

From: Jones, Mike [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8A25F390B48B40C2A539157B1F2A7B2C-JONES, MICHAEL]
Sent: 5/22/2017 12:45:18 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 3:30:00 PM
End: 5/22/2017 4:00:00 PM
Show Time As: Busy

Appointment

From: Jones, Mike [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8A25F390B48B40C2A539157B1F2A7B2C-JONES, MICHAEL]
Sent: 5/22/2017 12:01:36 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: Pre-brief Steve on NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/22/2017 2:45:00 PM
End: 5/22/2017 3:15:00 PM
Show Time As: Busy

Appointment

From: Jones, Mike [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8A25F390B48B40C2A539157B1F2A7B2C-JONES, MICHAEL]
Sent: 5/16/2017 3:44:03 PM
To: Page, Steve [Page.Steve@epa.gov]
Subject: Accepted: NAEMS OIG Response
Location: RTP-OAQPS-C401A
Start: 5/23/2017 1:30:00 PM
End: 5/23/2017 2:00:00 PM
Show Time As: Busy

Message

From: Jones, Mike [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8A25F390B48B40C2A539157B1F2A7B2C-JONES, MICHAEL]
Sent: 4/20/2018 2:41:04 PM
To: Graves, Valerie [Graves.Valerie@epa.gov]
Subject: RE: OIG Corrective Actions

Eleven Years After Agreement, EPA Has Not Developed Reliable Emission Estimation Methods to Determine Whether Animal Feeding Operations Comply with Clean Air Act and Other Statutes

Recommendation 1

The corrective action has been completed. The NAEMS QAPP is available at: <https://www.epa.gov/afos-air/qapp-development-emission-estimating-methodologies-air-emissions-animal-feeding-operations>.

Enhanced EPA Oversight Needed to Address Risks from Declining Clean Air Act Title V Revenues

Recommendations 1 through 3 and 5 through 8

The corrective actions have been completed. The documents *Updated Guidance on EPA Review of Fee Schedules for Operating Permit Programs Under Title V*, and *Program and Fee Evaluation Strategy and Guidance for 40 CFR Part 70*, are responsive to all of the above recommendations. The documents were signed by the OAQPS Director, and distributed to Regional Air Division directors, on March 27, 2018. The documents are available at <https://www.epa.gov/title-v-operating-permits/title-v-operating-permit-policy-and-guidance-document-index>.

All corrective actions associated with this audit have now been completed. This audit is closed, pending AIG acceptance of OAR's certification memo.

Differences in Processing Practices Could Decrease the Reliability of Ozone Data Used for Assessing Air Quality to Protect Public Health

Recommendation 1

The corrective action has been completed. EPA Region 9 worked with the California Air Resources Board (CARB), and the Shasta Air Quality Management District (AQMD) to investigate the cited discrepancies. CARB determined that the time frame for the affected ozone data lies between the calibrations performed on January 9, 2015, and on September 9, 2015, and that the data during this period should be flagged with the QA Qualifier Code QX (*Does not meet QC criteria*). However, the Shasta AQS ozone data from December 4, 2014, through March 11, 2015, has already been flagged (Null Data Qualifier Code AN – *Machine Malfunction*) per AQDA 8309 for a filter leak issue. Therefore, the data in AQS from January 9, 2015 through March 11, 2015 will remain as entered and flagged. The data from March 12 - June 30, 2015 will remain as entered, but will be flagged with the QA Qualifier Code QX. Data entered into AQS for the period July 1 - September 9, 2015 were incorrectly adjusted. These data will be removed from AQS, and the raw data reloaded with the QA Qualifier Code QX. The Shasta AQMD is currently upgrading their computer software systems, they have committed to these actions. The data discrepancies have been investigated, the cause identified, the remedy determined, and the resolution initiated.

Recommendation 2

The corrective action has been completed.

The technical memorandum is available at https://www.epa.gov/sites/production/files/2018-03/documents/clarifications_on_shelter_temperature_for_gaseous_pollutant_methods_03_2018_0.pdf. The QA Handbook change table is available at <https://www3.epa.gov/ttn/amtic/qalist.html>.

Michael N. Jones
Acquisitions and Accountability
Central Operations and Resources
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711
Mail Code C404-02 | Phone: 919-541-0528

From: Graves, Valerie
Sent: Friday, April 20, 2018 8:37 AM
To: Jones, Mike <Jones.Mike@epa.gov>
Subject: OIG Corrective Actions

Mike,

Can you give me some more detail on the OIG corrective actions. Thanks.

Valerie E. Graves

Group Leader
Acquisitions and Accountability Group (AAG)
Central Operations and Resources (CORE)
Office of Air Quality Planning and Standards (OAQPS)
US EPA
919-541-3021 (office)
919-748-9653 (cell)

Appointment

To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]

Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E

Start: 12/12/2017 4:00:00 PM

End: 12/12/2017 4:30:00 PM

Show Time As: Busy

Recurrence: (none)

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Sullivan, Tim [Sullivan.Tim@epa.gov]
CC: Yelverton, William [Yelverton.William@epa.gov]; Thoma, Eben [Thoma.Eben@epa.gov]; Shores, Richard [Shores.Richard@epa.gov]
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E; RTP-OAQPS Ex. 6 Personal Privacy (PP) Phone-Line/RTP-OAQPS-BLDG-C
Start: 2/1/2018 3:30:00 PM
End: 2/1/2018 4:00:00 PM

Recurrence: (none)

Discuss schedule for meeting OIG action items (QAPP/DQO by 3/31; EEM go/no go & public milestones by 6/30)

Appointment

To: Rumsey, Ian [rumsey.ian@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]

Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E

Start: 3/19/2018 5:30:00 PM

End: 3/19/2018 6:00:00 PM

Show Time As: Busy

Recurrence: (none)

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

To: Rumsey, Ian [rumsey.ian@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]; Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]

Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E

Start: 4/19/2018 3:00:00 PM

End: 4/19/2018 3:30:00 PM

Show Time As: Busy

Recurrence: (none)

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

From: Costa, Allison [Costa.Allison@epa.gov]
Sent: 11/7/2017 3:18:26 PM
To: Costa, Allison [Costa.Allison@epa.gov]; Rumsey, Ian [rumsey.ian@epa.gov]; Schrock, Bill [Schrock.Bill@epa.gov]; Fattal, Chelsey [fattal.chelsey@epa.gov]

Subject: NAEMS Check-In
Attachments: Untitled Attachment; Untitled Attachment; Untitled Attachment; Untitled Attachment
Location: RTP-OAQPS-E141B/RTP-OAQPS-BLDG-E

Start: 11/9/2017 3:30:00 PM
End: 11/9/2017 4:00:00 PM
Show Time As: Busy

Recurrence: Weekly
every 3 week(s) on Thursday from 10:30 AM to 11:00 AM

Proposing an informal regular meeting for the four of us to check in on the status of NAEMS, facilitate access to the contractors and answer any questions that arise. Every third Thursday at 10:30 looked like it was generally free on all of our calendars, but if it conflicts with anyone's regular schedule, just let me know and we can find a different time.

Appointment

From: Yelverton, William [Yelverton.William@epa.gov]

Sent: 6/25/2019 12:38:51 PM

To: Schrock, Bill [Schrock.Bill@epa.gov]

Subject: Tentative: OIG NAEMS Report-Freedom of Information Act Request; Call-in #

Location: E101

Ex. 6 Personal Privacy (PP)

Start: 6/25/2019 2:00:00 PM

End: 6/25/2019 2:30:00 PM

Recurrence: (none)

Appointment

From: McGhee, Patricia [McGhee.Patricia@epa.gov]

Sent: 6/24/2019 8:24:44 PM

To: Schrock, Bill [Schrock.Bill@epa.gov]

Subject: Accepted: OIG NAEMS Report-Freedom of Information Act Request; Call-in

Ex. 6 Personal Privacy (PP)

Location: E101

Start: 6/25/2019 2:00:00 PM

End: 6/25/2019 2:30:00 PM

Show Time As: Busy

Appointment

From: Sullivan, Tim [Sullivan.Tim@epa.gov]
Sent: 6/24/2019 8:18:14 PM
To: Schrock, Bill [Schrock.Bill@epa.gov]
CC: Sullivan, Tim [Sullivan.Tim@epa.gov]

Subject: Accepted: OIG NAEMS Report-Freedom of Information Act Request; Call-in
Location: E101

Ex. 6 Personal Privacy (PP)

Start: 6/25/2019 2:00:00 PM
End: 6/25/2019 2:30:00 PM
Show Time As: Busy

Appointment

From: Thompson, Rhonda [Thompson.Rhonda@epa.gov]
Sent: 6/24/2019 8:17:54 PM
To: Schrock, Bill [Schrock.Bill@epa.gov]

Subject: Accepted: OIG NAEMS Report-Freedom of Information Act Request; Call-in Ex. 6 Personal Privacy (PP)
Location: E101

Start: 6/25/2019 2:00:00 PM
End: 6/25/2019 2:30:00 PM
Show Time As: Busy

Message

From: Schrock, Bill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D47C28531DE04D298FED8A9A89324487-BSCHROCK]
Sent: 2/16/2017 10:05:30 PM
To: Eck, Janet [Eck.Janet@epa.gov]
Subject: Meeeting Request
Attachments: OIG AFO Briefing_Meeting Request Acting AA Sarah Dunham.docx

Bill Schrock
U.S. EPA
RTP, NC 27709
(919) 541-5032
(919) 541-3470 (fax)